

Converting Colors

XYZ(75.0030, 80.1388, 92.4042)

Have a look what the booklet for
XYZ(75.0030, 80.1388, 92.4042)
contains.

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Color

**XYZ(75.0030, 80.1388,
92.4042)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE9EE
RGB	223, 233, 238
RGB Percent	87%, 91%, 93%
CMY	0.1255, 0.0863, 0.0667
CMYK	0.06, 0.02, 0.00, 0.07
HSL	200°, 31%, 90%
HSV	200°, 6%, 93%
XYZ	75.0030, 80.1388, 92.4042
YIQ	230.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

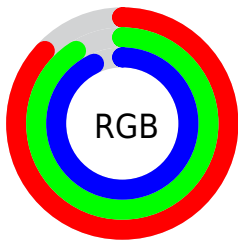
Format	Color
RYB	223, 229, 238
Decimal	14674414
CIELab	91.75, -2.38, -3.58
CIElCh	92, 4.303, 236.371
Yxy	80.1388, 0.3030, 0.3237
Android (android.graphics.Color)	4292864494 (0xFFDFE9EE)
YUV	230.5800, 3.6581, -6.6477
Hunter-Lab	89.5203, -7.1074, 1.4641

Details

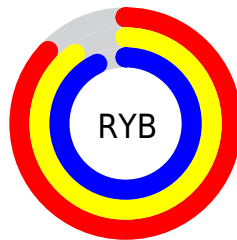
The XYZ color **75.0030, 80.1388, 92.4042** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3230, 78.9913, 81.0377**, and the grayscale version is **75.6232, 79.5615, 86.6425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3141, 43.1465, 50.4593** is the 20% darker color. If you saturate the color by 10%, you get **65.9857, 72.2350, 91.3551**, and if you desaturate by 10%, it is **85.1565, 88.7824, 93.5387**.

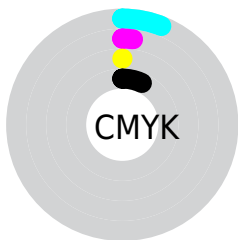
Distribution



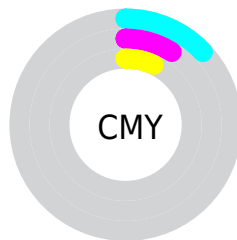
- Red (87%)
- Green (91%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0030, 80.1388, 92.4042 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.0030, 80.1388, 92.4042 by changing the saturation by 10% instead.

■ 75.0030, 80.1388,
92.4042

■ 75.0030, 80.1388,
92.4042

466.9249,
495.4005, 556.5916

■ 55.9095, 59.8326,
69.3915

125.3045,
133.5609, 152.6380

■ 40.3671, 43.2837,
50.5569

157.2432,
167.4455, 190.6962

■ 28.0104, 30.1078,
35.4818

194.1944,
206.6250, 234.6067

■ 18.4740, 19.9204,
23.7477

236.5235,
251.4839, 284.7879

■ 11.3926, 12.3372,
14.9361

284.5957,
302.4065, 341.6585

■ 6.4008, 6.9738,
8.6284

338.7764,

■ 3.1332, 3.4457,

359.7772, 405.6370

4.4061

399.4310,
423.9804, 477.1418

■ 1.2246, 1.3686,
1.8507

■ 0.1257, 0.1934,
0.4611

■ 75.0030, 80.1388,
92.4042

■ 75.0030, 80.1388,
92.4042

■ 65.9857, 72.2350,
91.3551

■ 85.1565, 88.7824,
93.5387

■ 58.0537, 65.0362,
90.3837

■ 90.5057, 95.0988,
94.4759

■ 51.1620, 58.5196,
89.4891

■ 92.4329, 98.9531,
95.1183

■ 45.2601, 52.6569,
88.6685

■ 40.2926, 47.4177,
87.9191

■ 36.1986, 42.7683,
87.2374

■ 32.9090, 38.6711,
86.6200

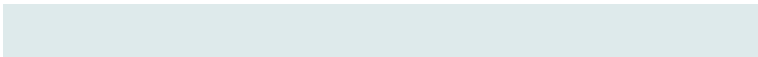
■ 30.3436, 35.0824,
86.0625

■ 28.4022, 31.9483,
85.5599

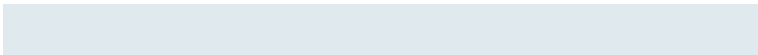
Harmonies

Analogous

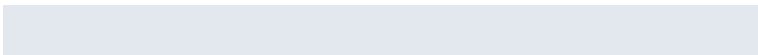
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2884, 80.1388, 89.9786



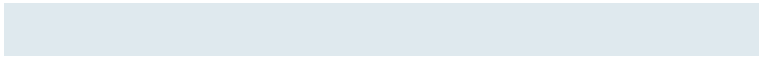
75.0030, 80.1388, 92.4042



76.0356, 80.1388, 93.4498

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0030, 80.1388, 92.4042



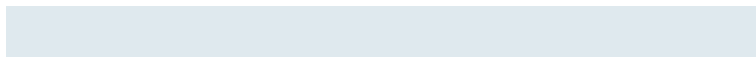
78.3021, 80.1388, 87.6419



75.2330, 80.1388, 81.9370

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



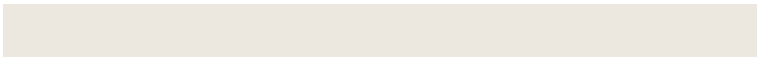
75.0030, 80.1388, 92.4042



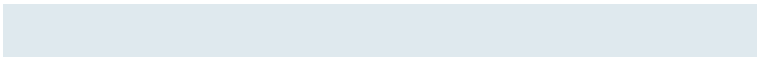
76.3230, 78.9913, 81.0377

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3036, 80.1388, 81.3450



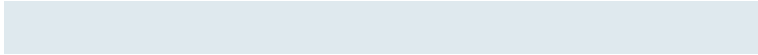
75.0030, 80.1388, 92.4042



78.0822, 80.1388, 84.5919

Square

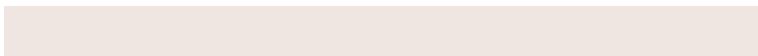
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0030, 80.1388, 92.4042



77.9460, 80.1388, 90.6588



77.3481, 80.1388, 82.3056



74.4202, 80.1388, 83.9424

Rectangle

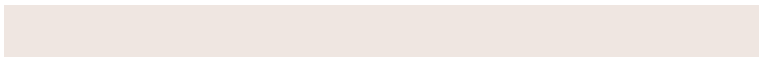
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0030, 80.1388, 92.4042



76.7678, 80.1388, 93.2054



77.3481, 80.1388, 82.3056



75.5743, 80.1388, 81.5682

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.0053, 80.1422, 92.4060



92.6589, 97.9664, 108.6335



74.9763, 82.4260, 85.1765



19.8579, 20.9902, 23.2548



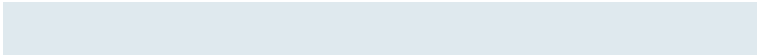
0.0000, 0.0000, 0.0000



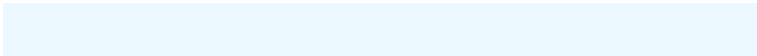
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0053, 80.1422, 92.4060



85.8093, 92.0748, 107.8573



72.9939, 76.1194, 91.7355



15.7780, 16.9901, 20.1694



15.6237, 17.4715, 47.6768



1.3907, 1.6355, 3.9966

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.3574, 76.8374, 87.9013



87.8090, 87.2379, 101.1840



78.3605, 83.0662, 81.7169



16.2174, 15.9367, 18.7010



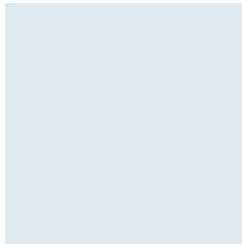
23.2117, 11.5571, 19.5633



1.9769, 0.9798, 1.8693

Previews

White Background



This preview shows how the XYZ color 75.0030, 80.1388, 92.4042 looks on a white background.

Color Contrast Check

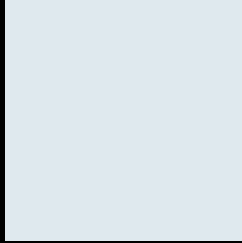
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.0030, 80.1388, 92.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

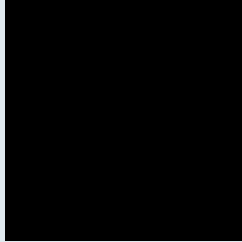
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

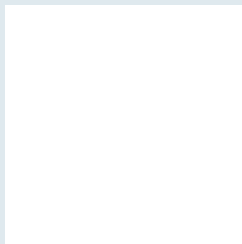
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0030, 80.1388, 92.4042

Background



This preview shows how black text looks on a background with the XYZ color 75.0030, 80.1388, 92.4042.



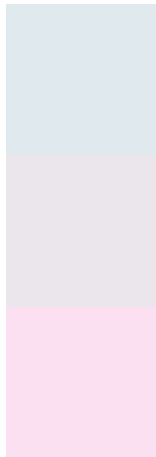
This preview shows how white text looks on a background with the XYZ color 75.0030, 80.1388,

92.4042.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.0030, 80.1388, 92.4042

Protanopia

77.3688, 80.1422, 90.7481

Deuteranopia

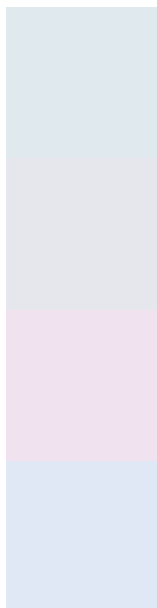
81.8082, 79.9266, 93.5537



Tritanopia

76.8826, 80.0615, 101.8438

Trichromacy



Original Color

75.0030, 80.1388, 92.4042

Protanomaly

76.4951, 80.0892, 91.5478

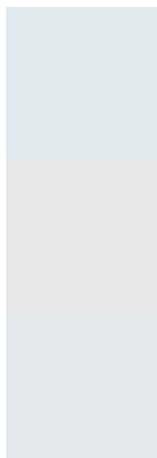
Deuteranomaly

78.9843, 79.6954, 92.8812

Tritanomaly

76.2316, 80.2143, 98.6539

Monochromacy



Original Color

75.0030, 80.1388, 92.4042

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7028, 80.1477, 89.3220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0030, 80.1388, 92.4042 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(223, 233, 238) looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 233, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.0030, 80.1388, 92.4042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 233, 238) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 233, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 233, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 238);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0030, 80.1388, 92.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
233, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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