

Converting Colors

XYZ(72.4161, 79.9387, 95.4945)

Have a look what the booklet for
XYZ(72.4161, 79.9387, 95.4945)
contains.

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Color

**XYZ(72.6008, 80.1033,
95.6394)**

Conversions

Conversions Part 1

Format	Color
Hex	D2ECF2
RGB	210, 236, 242
RGB Percent	82%, 93%, 95%
CMY	0.1765, 0.0745, 0.0510
CMYK	0.13, 0.02, 0.00, 0.05
HSL	191°, 55%, 89%
HSV	191°, 13%, 95%
XYZ	72.6008, 80.1033, 95.6394
YIQ	228.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

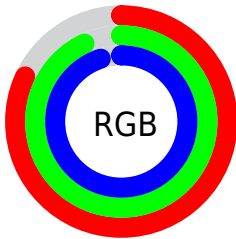
Format	Color
R _Y B	210, 224, 242
Decimal	13823218
CIE _{Lab}	91.73, -7.30, -5.79
CIE _{LCh}	92, 9.321, 218.440
Yxy	80.1033, 0.2923, 0.3226
Android (android.graphics.Color)	4292013298 (0xFFD2ECF2)
YUV	228.9100, 6.4534, -16.5841
Hunter-Lab	89.5004, -11.8305, -0.7065

Details

The XYZ color **72.6008, 80.1033, 95.6394** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.8072, 72.6420, 71.1582**, and the grayscale version is **74.3751, 78.2484, 85.2125**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7018, 43.1562, 52.7446** is the 20% darker color. If you saturate the color by 10%, you get **64.9365, 74.2404, 94.9130**, and if you desaturate by 10%, it is **81.3448, 86.5762, 96.4292**.

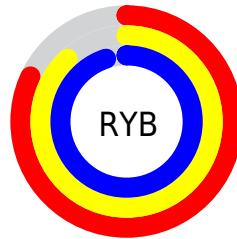
Distribution



Red (82%)

Green (93%)

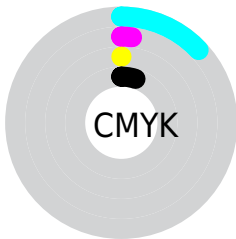
Blue (95%)



Red (82%)

Yellow (88%)

Blue (95%)

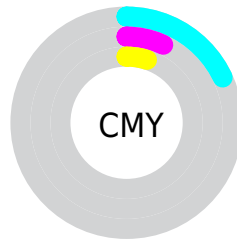


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (18%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6008, 80.1033, 95.6394 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 72.6008, 80.1033, 95.6394 by changing the saturation by 10% instead.

■ 72.6008, 80.1033,
95.6394

■ 72.6008, 80.1033,
95.6394

458.7553,
495.2809, 567.2465

■ 53.9368, 59.8034,
72.0674

121.9165,
133.5110, 157.1508

■ 38.7816, 43.2602,
52.7266

153.2990,
167.3875, 195.9274

■ 26.7698, 30.0893,
37.1983

189.6516,
206.5583, 240.6092

■ 17.5361, 19.9064,
25.0641

231.3398,
251.4078, 291.6149

■ 10.7151, 12.3270,
15.9054

278.7289,
302.3204, 349.3629

■ 5.9415, 6.9668,
9.3036

332.1843,

■ 2.8499, 3.4413,

359.6806, 414.2718

4.8402

392.0713,
423.8726, 486.7601

■ 1.0749, 1.3663,
2.0967

■ 0.0039, 0.1917,
0.6138

■ 72.6008, 80.1033,
95.6394

■ 72.6008, 80.1033,
95.6394

■ 64.9365, 74.2404,
94.9130

■ 81.3448, 86.5762,
96.4292

■ 58.2981, 68.9532,
94.2423

■ 89.9424, 93.0212,
97.2201

■ 52.6373, 64.2184,
93.6268

■ 91.3319, 95.8001,
97.6832

■ 47.8996, 60.0076,
93.0637

■ 92.7552, 98.6468,
98.1577

■ 44.0244, 56.2893,
92.5502

■ 93.0273, 99.1909,
98.2484

■ 40.9442, 53.0281,
92.0831

■ 38.5804, 50.1833,
91.6586

■ 36.8383, 47.7056,
91.2722

■ 35.9143, 46.1850,
91.0274

Harmonies

Analogous

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



71.6900, 80.1033, 89.1603



72.6008, 80.1033, 95.6394



74.4633, 80.1033, 100.0096

Triad

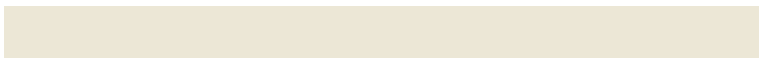
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6008, 80.1033, 95.6394



80.4799, 80.1033, 92.1337



75.4649, 80.1033, 74.8645

Complementary

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



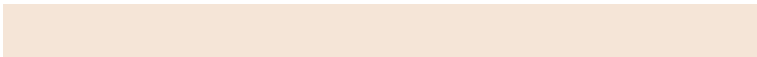
72.6008, 80.1033, 95.6394



72.8072, 72.6420, 71.1582

Split Complementary

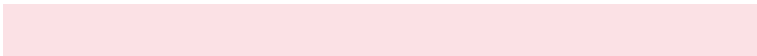
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8331, 80.1033, 75.5680



72.6008, 80.1033, 95.6394



80.7616, 80.1033, 85.3059

Square

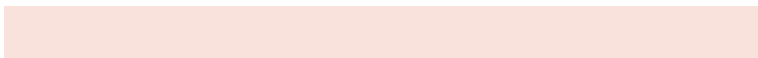
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



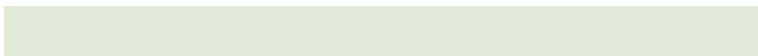
72.6008, 80.1033, 95.6394



79.0219, 80.1033, 97.9132



79.7837, 80.1033, 79.3077



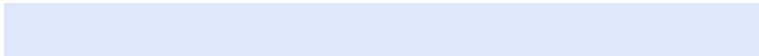
73.3209, 80.1033, 77.3331

Rectangle

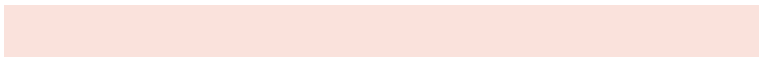
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



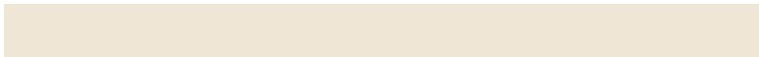
72.6008, 80.1033, 95.6394



76.0110, 80.1033, 101.0141



79.7837, 80.1033, 79.3077



76.2607, 80.1033, 74.7405

Sweetspot

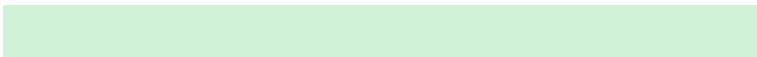
The Sweet Spot groups the original color and five complimentary colors.



72.6031, 80.1066, 95.6412



90.7897, 96.9030, 108.5268



70.7093, 82.1583, 77.0082



19.2661, 20.6193, 23.2144



0.0000, 0.0000, 0.0000



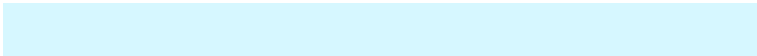
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6031, 80.1066, 95.6412



79.2091, 88.2846, 107.4736



68.2350, 71.3704, 94.1851



15.9809, 17.3959, 20.2371



19.3879, 25.0001, 48.9315



1.6772, 2.2084, 4.0921

Inverse Universe

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



74.8067, 71.0283, 89.1277



82.1804, 76.1917, 98.6576



77.0712, 81.1700, 72.5796



16.3198, 15.9776, 19.2403



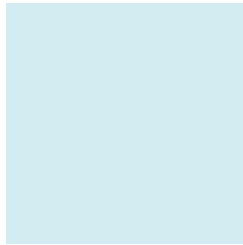
25.1118, 12.3171, 29.5688



2.1215, 1.0377, 2.6308

Previews

White Background



This preview shows how the XYZ color 72.6008, 80.1033, 95.6394 looks on a white background.

Color Contrast Check

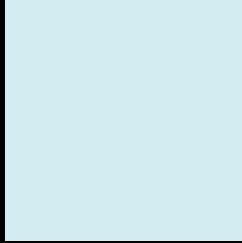
Large Text (above 18pt) WCAG AA × Fail

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 72.6008, 80.1033, 95.6394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

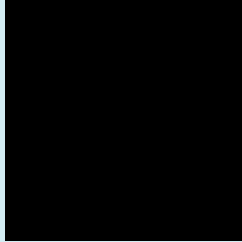
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6008, 80.1033, 95.6394

Background



This preview shows how black text looks on a background with the XYZ color 72.6008, 80.1033, 95.6394.



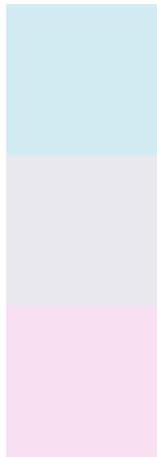
This preview shows how white text looks on a background with the XYZ color 72.6008, 80.1033,

95.6394.

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

72.6008, 80.1033, 95.6394

Protanopia

77.3337, 80.0903, 92.2720

Deuteranopia

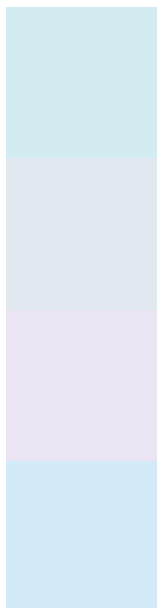
81.3426, 79.6171, 96.6684



Tritanopia

74.3038, 79.9345, 104.4412

Trichromacy



Original Color

72.6008, 80.1033, 95.6394

Protanomaly

75.4879, 79.9528, 93.1151

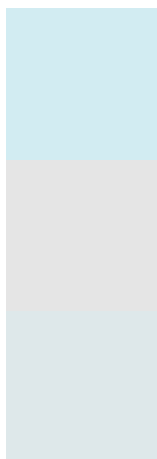
Deuteranomaly

77.8527, 79.4503, 96.0262

Tritanomaly

73.6712, 80.1051, 101.2015

Monochromacy



Original Color

72.6008, 80.1033, 95.6394

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8321, 79.1833, 89.2344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6008, 80.1033, 95.6394 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(210, 236, 242)` looks like.

```
.text, #text, p{  
    color:rgb(210, 236, 242)  
}
```

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(210, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 236, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.6008, 80.1033, 95.6394 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(210, 236, 242) }
```


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

```
.border{ border-color:rgb(210, 236, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 236, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 236, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 236, 242);  
box-shadow:4px 4px 4px 4px rgb(210, 236,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6008, 80.1033, 95.6394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 236, 242) }
```

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

```
.background{ background-color: rgb(210,  
236, 242) }
```

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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