

Converting Colors

XYZ(75.0019, 80.7803, 96.0812)

Have a look what the booklet for
XYZ(75.0019, 80.7803, 96.0812)
contains.

XYZ(75.0994, 80.9478, 96.4603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.0994, 80.9478,
96.4603)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEBF3
RGB	219, 235, 243
RGB Percent	86%, 92%, 95%
CMY	0.1412, 0.0784, 0.0471
CMYK	0.10, 0.03, 0.00, 0.05
HSL	200°, 50%, 91%
HSV	200°, 10%, 95%
XYZ	75.0994, 80.9478, 96.4603
YIQ	231.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

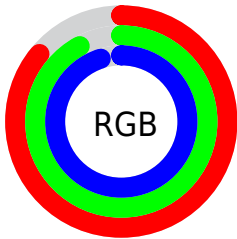
Format	Color
R _Y B	219, 229, 243
Decimal	14412787
CIE Lab	92.11, -3.74, -5.69
CIE LCh	92, 6.811, 236.668
Yxy	80.9478, 0.2974, 0.3206
Android (android.graphics.Color)	4292602867 (0xFFDBEBF3)
YUV	231.1280, 5.8529, -10.6363
Hunter-Lab	89.9710, -8.4541, -0.5867

Details

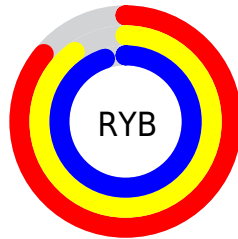
The XYZ color **75.0994, 80.9478, 96.4603** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2178, 79.1068, 78.2186**, and the grayscale version is **76.0171, 79.9759, 87.0938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3996, 43.7206, 53.3233** is the 20% darker color. If you saturate the color by 10%, you get **66.0507, 72.9219, 95.3893**, and if you desaturate by 10%, it is **85.3255, 89.7417, 97.6200**.

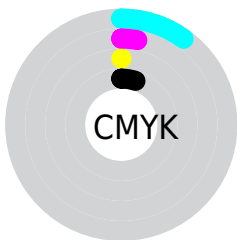
Distribution



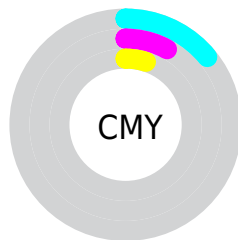
- Red (86%)
- Green (92%)
- Blue (95%)



- Red (86%)
- Yellow (90%)
- Blue (95%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0994, 80.9478, 96.4603 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 75.0994, 80.9478, 96.4603 by changing the saturation by 10% instead.

■ 75.0994, 80.9478,
96.4603

■ 75.0994, 80.9478,
96.4603

467.2511,
498.1213, 569.9328

■ 55.9888, 60.4986,
72.7474

125.4402,
134.6975, 158.2934

■ 40.4309, 43.8207,
53.2789

157.4011,
168.7667, 197.2507

■ 28.0604, 30.5295,
37.6362

194.3762,
208.1448, 242.1265

■ 18.5119, 20.2409,
25.4008

236.7307,
253.2161, 293.3395

■ 11.4200, 12.5703,
16.1542

284.8301,
304.3650, 351.3080

■ 6.4194, 7.1333,
9.4778

339.0398,

■ 3.1448, 3.5456,

361.9759, 416.4507

4.9531

399.7250,
426.4332, 489.1861

■ 1.2308, 1.4228,
2.1615

■ 0.1305, 0.2334,
0.6520

■ 75.0994, 80.9478,
96.4603

■ 75.0994, 80.9478,
96.4603

■ 66.0507, 72.9219,
95.3893

■ 85.3255, 89.7417,
97.6200

■ 58.1250, 65.6272,
94.3990

■ 91.9770, 96.8494,
98.6413

■ 51.2737, 59.0389,
93.4885

■ 93.1779, 99.2512,
99.0416

■ 45.4420, 53.1265,
92.6546

■ 40.5696, 47.8569,
91.8943

■ 36.5897, 43.1932,
91.2039

■ 33.4259, 39.0939,
90.5794

■ 30.9876, 35.5098,
90.0161

■ 29.1261, 32.3620,
89.5066

Harmonies

Analogous

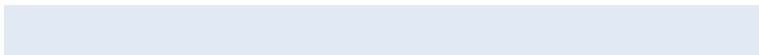
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9627, 80.9478, 92.5465



75.0994, 80.9478, 96.4603



76.7425, 80.9478, 98.1406

Triad

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



75.0994, 80.9478, 96.4603



80.3560, 80.9478, 88.7012



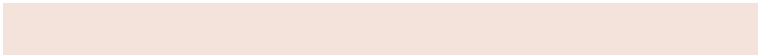
75.4341, 80.9478, 79.7827

Complementary

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



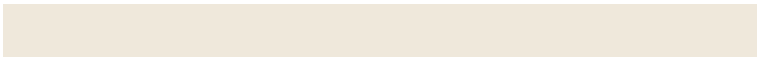
75.0994, 80.9478, 96.4603



77.2178, 79.1068, 78.2186

Split Complementary

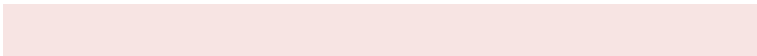
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1347, 80.9478, 78.8399



75.0994, 80.9478, 96.4603



79.9930, 80.9478, 83.8725

Square

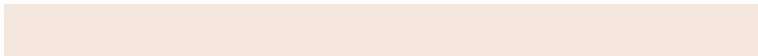
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



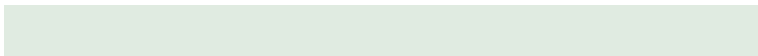
75.0994, 80.9478, 96.4603



79.7919, 80.9478, 93.5552



78.8073, 80.9478, 80.3094



74.1539, 80.9478, 82.9348

Rectangle

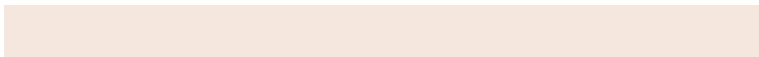
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



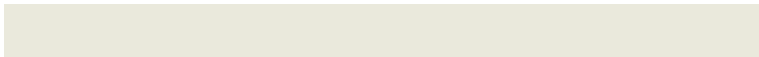
75.0994, 80.9478, 96.4603



77.9102, 80.9478, 97.7227



78.8073, 80.9478, 80.3094



75.9748, 80.9478, 79.2022

Sweetspot

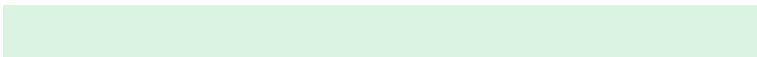
The Sweet Spot groups the original color and five complimentary colors.



75.1017, 80.9512, 96.4621



91.4836, 96.9623, 108.5016



75.0753, 84.6866, 84.7745



19.3816, 20.5830, 23.2013



0.0000, 0.0000, 0.0000



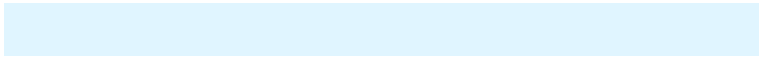
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1017, 80.9512, 96.4621



81.5079, 88.3179, 107.3589



71.8871, 74.5219, 95.3906



16.5044, 17.7731, 21.1032



16.1025, 17.9988, 49.1635



1.5095, 1.7703, 4.3524

Inverse Universe

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



77.2909, 75.7175, 89.1425



84.4549, 81.3672, 97.4840



80.4991, 85.6695, 79.3123



16.9652, 16.6689, 19.5632



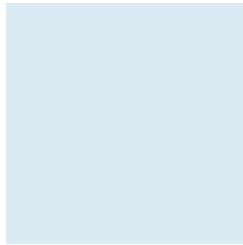
23.9323, 11.9164, 20.1498



2.1510, 1.0664, 2.0214

Previews

White Background



This preview shows how the XYZ color 75.0994, 80.9478, 96.4603 looks on a white background.

Color Contrast Check

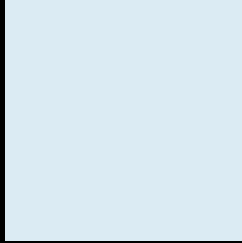
Large Text (above 18pt) WCAG AA × Fail

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 75.0994, 80.9478, 96.4603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

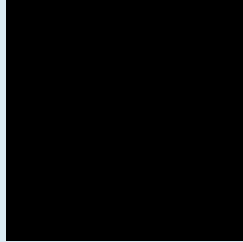
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

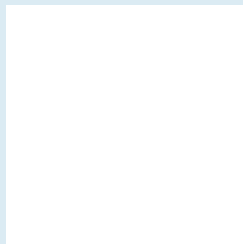
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0994, 80.9478, 96.4603

Background



This preview shows how black text looks on a background with the XYZ color 75.0994, 80.9478, 96.4603.



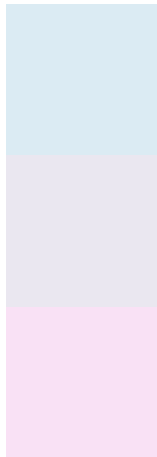
This preview shows how white text looks on a background with the XYZ color 75.0994, 80.9478,

96.4603.

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

75.0994, 80.9478, 96.4603

Protanopia

78.2358, 80.9355, 93.9367

Deuteranopia

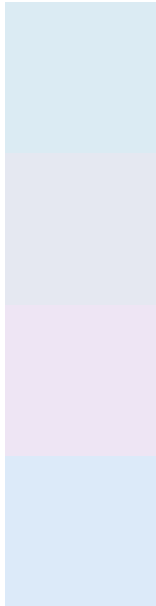
82.4736, 80.5827, 97.5934



Tritanopia

76.8123, 81.2461, 103.7291

Trichromacy



Original Color

75.0994, 80.9478, 96.4603

Protanomaly

77.0469, 80.7221, 94.7392

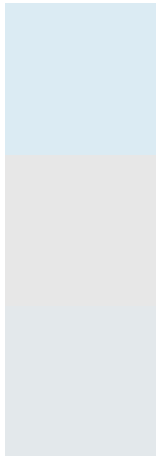
Deuteranomaly

79.6083, 80.7474, 96.9780

Tritanomaly

76.0369, 80.9008, 101.2304

Monochromacy



Original Color

75.0994, 80.9478, 96.4603

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5306, 80.0423, 90.0661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0994, 80.9478, 96.4603 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(219, 235, 243) looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 243)  
}
```

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(219, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.0994, 80.9478, 96.4603 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(219, 235, 243) }
```


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

```
.border{ border-color:rgb(219, 235, 243) }
```

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

Here you see how a box with a 4 pixel rgb(219, 235, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0994, 80.9478, 96.4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 243) }
```

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

```
.background{ background-color: rgb(219,  
235, 243) }
```

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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