

Converting Colors

XYZ(40.3788, 46.5431, 63.9829)

Have a look what the booklet for
XYZ(40.3788, 46.5431, 63.9829)
contains.

XYZ(40.4244, 46.5945, 63.9898)	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(40.4244, 46.5945,
63.9898)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBDCC
RGB	143, 189, 204
RGB Percent	56%, 74%, 80%
CMY	0.4392, 0.2588, 0.2000
CMYK	0.30, 0.07, 0.00, 0.20
HSL	195°, 37%, 68%
HSV	195°, 30%, 80%
XYZ	40.4244, 46.5945, 63.9898
YIQ	176.9560, -32.2310, -5.0870

Conversions

Conversions Part 2

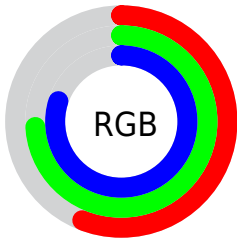
Format	Color
R _{YB}	143, 169, 204
Decimal	9420236
CIE _{Lab}	73.93, -11.61, -12.47
CIE _{LCh}	74, 17.043, 227.048
Yxy	46.5945, 0.2677, 0.3086
Android (android.graphics.Color)	4287610316 (0xFF8FBDCC)
YUV	176.9560, 13.3327, -29.7794
Hunter-Lab	68.2602, -13.7457, -7.7987

Details

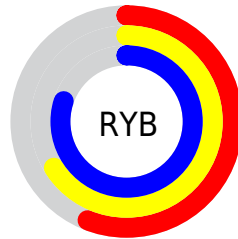
The XYZ color **40.4244, 46.5945, 63.9898** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0873, 39.2747, 31.3503**, and the grayscale version is **41.7124, 43.8847, 47.7904**.

A 20% lighter version of the original color is **73.9911, 84.5306, 107.0240**, and **18.5256, 21.9840, 32.1211** is the 20% darker color. If you saturate the color by 10%, you get **36.1489, 42.8174, 63.4869**, and if you desaturate by 10%, it is **45.3823, 50.7811, 64.5374**.

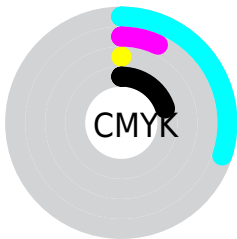
Distribution



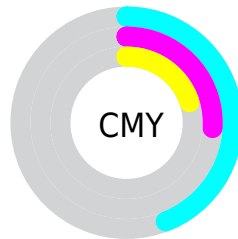
- Red (56%)
- Green (74%)
- Blue (80%)



- Red (56%)
- Yellow (66%)
- Blue (80%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4244, 46.5945, 63.9898 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 40.4244, 46.5945, 63.9898 by changing the saturation by 10% instead.

■ 40.4244, 46.5945,
63.9898

■ 40.4244, 46.5945,
63.9898

339.0129,
373.1936, 457.3593

■ 28.0553, 32.7152,
46.1963

■ 75.0896, 85.1080,
112.1956

■ 18.5080, 21.9084,
32.0510

■ 98.1164, 110.5110,
143.4449

■ 11.4172, 13.7896,
21.1353

125.4264,
140.5241, 180.0166

■ 6.4175, 7.9745,
13.0307

157.3850,
175.5316, 222.3292

■ 3.1437, 4.0786,
7.3187

194.3577,
215.9179, 270.8012

■ 1.2302, 1.7176,
3.5808

236.7096,

■ 0.1300, 0.4350,

262.0674, 325.8512

1.3983

284.8063,
314.3645, 387.8977

■ 0.0000, 0.0000,
0.1404

■ 0.0000, 0.0000,
0.0000

■ 40.4244, 46.5945,
63.9898

■ 40.4244, 46.5945,
63.9898

■ 36.1489, 42.8174,
63.4869

■ 45.3823, 50.7811,
64.5374

■ 32.5162, 39.4254,
63.0236

■ 51.0508, 55.3888,
65.1280

■ 29.4894, 36.4000,
62.5992

■ 57.4618, 60.4357,
65.7642

■ 27.0255, 33.7185,
62.2115

■ 64.6439, 65.9372,
66.4476

■ 25.0758, 31.3552,
61.8581

■ 72.6241, 71.9077,
67.1794

■ 23.5826, 29.2798,
61.5362

■ 77.4964, 76.3340,
67.7770

■ 22.4398, 27.4370,
61.2407

■ 78.8255, 78.9923,
68.2200

■ 22.4291, 27.4193,
61.2379

■ 80.1944, 81.7301,
68.6763

■ 81.6035, 84.5482,
69.1460

Harmonies

Analogous

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



38.9333, 46.5945, 55.7978



40.4244, 46.5945, 63.9898



42.9902, 46.5945, 68.8463

Triad

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



40.4244, 46.5945, 63.9898



50.2270, 46.5945, 54.5764



42.5961, 46.5945, 36.3609

Complementary

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



40.4244, 46.5945, 63.9898



42.0873, 39.2747, 31.3503

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.



45.6089, 46.5945, 36.1137



40.4244, 46.5945, 63.9898



50.1096, 46.5945, 45.9852

Square

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



40.4244, 46.5945, 63.9898



48.7013, 46.5945, 63.0079



48.3874, 46.5945, 39.4474



40.1473, 46.5945, 40.1666

Rectangle

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



40.4244, 46.5945, 63.9898



45.0073, 46.5945, 69.2138



48.3874, 46.5945, 39.4474



43.5738, 46.5945, 35.8756

Sweetspot

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



40.4258, 46.5964, 63.9909



85.3312, 92.3566, 107.9369



39.0273, 51.4686, 39.8814



17.9489, 19.5159, 23.0709



0.0000, 0.0000, 0.0000



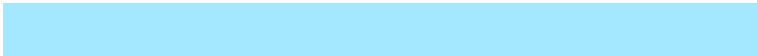
20.3446, 21.4041, 23.3091

Same Dimension

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



40.4258, 46.5964, 63.9909



62.1728, 72.9828, 105.4180



34.6719, 35.0885, 62.0729



11.3006, 12.2416, 14.3376



14.1933, 17.4105, 38.5688



0.7895, 1.0127, 2.0088

Inverse Universe

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



43.9108, 36.1576, 52.8110



68.9993, 53.3761, 83.3300



47.7870, 50.6741, 33.2502



11.5651, 11.3548, 13.5103



19.3750, 9.5606, 20.2253



1.0284, 0.5048, 1.1956

Previews

White Background



This preview shows how the XYZ color 40.4244, 46.5945, 63.9898 looks on a white background.

Color Contrast Check

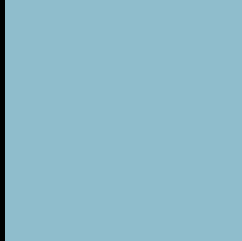
Large Text (above 18pt) WCAG AA × Fail

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 40.4244, 46.5945, 63.9898 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 40.4244, 46.5945, 63.9898

Background



This preview shows how black text looks on a background with the XYZ color 40.4244, 46.5945, 63.9898.



This preview shows how white text looks on a background with the XYZ color 40.4244, 46.5945,

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

40.4244, 46.5945, 63.9898

Protanopia

45.1047, 46.3034, 59.9863

Deuteranopia

47.4781, 46.5141, 65.5072



Tritanopia

40.4244, 46.5945, 63.9898

Trichromacy



Original Color

40.4244, 46.5945, 63.9898

Protanomaly

43.0847, 46.1441, 61.2795

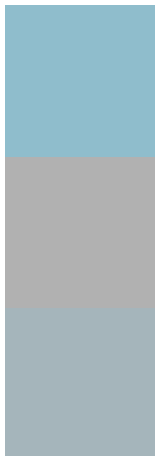
Deuteranomaly

44.4590, 46.1619, 64.9594

Tritanomaly

40.4244, 46.5945, 63.9898

Monochromacy



Original Color

40.4244, 46.5945, 63.9898

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.0106, 44.6349, 53.4676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4244, 46.5945, 63.9898 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(143, 189, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 189, 204)  
}
```

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(143, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 189, 204) }
```

Border

The CSS property to change the border of an element to XYZ 40.4244, 46.5945, 63.9898 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(143, 189, 204) }
```


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

```
.border{ border-color:rgb(143, 189, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 189, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 189,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4244, 46.5945, 63.9898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 189, 204) }
```

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

```
.background{ background-color: rgb(143,  
189, 204) }
```

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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