

Converting Colors

XYZ(44.6033, 47.8056, 60.1858)

Have a look what the booklet for
XYZ(44.6033, 47.8056, 60.1858)
contains.

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Color

**XYZ(44.7652, 47.9657,
60.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBAC6
RGB	172, 186, 198
RGB Percent	67%, 73%, 78%
CMY	0.3255, 0.2706, 0.2235
CMYK	0.13, 0.06, 0.00, 0.22
HSL	208°, 19%, 73%
HSV	208°, 13%, 78%
XYZ	44.7652, 47.9657, 60.3250
YIQ	183.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

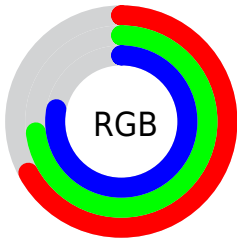
Format	Color
R_{YB}	172, 181, 198
Decimal	11320006
CIE _{Lab}	74.80, -2.37, -7.71
CIE _{LCh}	75, 8.064, 252.875
Yxy	47.9657, 0.2925, 0.3134
Android (android.graphics.Color)	4289510086 (0xFFACBAC6)
YUV	183.1820, 7.3053, -9.8066
Hunter-Lab	69.2573, -5.8248, -3.1631

Details

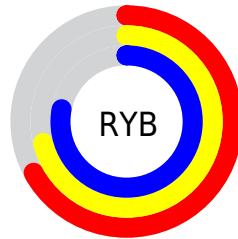
The XYZ color **44.7652, 47.9657, 60.3250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8758, 49.2650, 46.0164**, and the grayscale version is **45.0767, 47.4242, 51.6450**.

A 20% lighter version of the original color is **81.7970, 87.2182, 107.1314**, and **21.1673, 22.7817, 29.6672** is the 20% darker color. If you saturate the color by 10%, you get **38.8759, 42.1642, 59.5164**, and if you desaturate by 10%, it is **51.4279, 54.3512, 61.2071**.

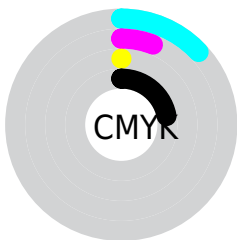
Distribution



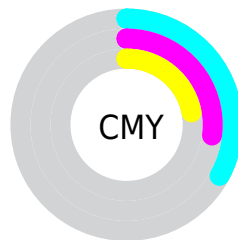
- Red (67%)
- Green (73%)
- Blue (78%)



- Red (67%)
- Yellow (71%)
- Blue (78%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7652, 47.9657, 60.3250 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 44.7652, 47.9657, 60.3250 by changing the saturation by 10% instead.

■ 44.7652, 47.9657,
60.3250

■ 44.7652, 47.9657,
60.3250

356.6215,
378.6562, 443.6325

■ 31.4730, 33.7997,
43.2536

■ 81.6072, 87.1533,
106.8490

■ 21.1129, 22.7398,
29.7513

105.8877,
112.9438, 137.1386

■ 13.3195, 14.4015,
19.3994

134.5617,
143.3778, 172.6715

■ 7.7274, 8.4004,
11.7795

167.9946,
178.8399, 213.8661

■ 3.9714, 4.3522,
6.4730

206.5516,
219.7144, 261.1410

■ 1.6859, 1.8725,
3.0614

250.5982,

■ 0.4474, 0.5318,

266.3856, 314.9146

1.1261

300.4997,
319.2381, 375.6056

■ 0.0000, 0.0000,
0.0000

■ 44.7652, 47.9657,
60.3250

■ 44.7652, 47.9657,
60.3250

■ 38.8759, 42.1642,
59.5164

■ 51.4279, 54.3512,
61.2071

■ 33.7249, 36.9214,
58.7759

■ 58.8887, 61.3328,
62.1615

■ 29.2806, 32.2187,
58.1024

■ 67.1765, 68.9300,
63.1911

■ 25.5074, 28.0343,
57.4936

■ 76.3174, 77.1593,
64.2977

■ 22.3661, 24.3442,
56.9469

■ 80.2016, 82.8741,
65.1961

■ 19.8132, 21.1221,
56.4595

■ 82.8361, 88.1431,
66.0742

■ 17.7988, 18.3384,
56.0284

■ 85.6062, 93.6833,
66.9976

■ 16.2635, 15.9582,
55.6499

■ 87.1932, 96.8573,
67.5266

■ 15.4131, 14.5171,
55.4165

Harmonies

Analogous

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



43.5559, 47.9657, 57.9123



44.7652, 47.9657, 60.3250



46.2207, 47.9657, 60.4957

Triad

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



44.7652, 47.9657, 60.3250



48.3926, 47.9657, 50.4488



43.6994, 47.9657, 46.5326

Complementary

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



44.7652, 47.9657, 60.3250



47.8758, 49.2650, 46.0164

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.



44.9649, 47.9657, 44.7474



44.7652, 47.9657, 60.3250



47.6864, 47.9657, 46.9256

Square

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



44.7652, 47.9657, 60.3250



48.3364, 47.9657, 54.6392



46.4248, 47.9657, 44.8873



42.9496, 47.9657, 49.8859

Rectangle

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



44.7652, 47.9657, 60.3250



47.1367, 47.9657, 59.3020



46.4248, 47.9657, 44.8873



44.0774, 47.9657, 45.7375

Sweetspot

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



44.7666, 47.9677, 60.3261



89.9133, 95.1502, 108.2346



45.8285, 52.6078, 52.9224



19.0440, 20.1750, 23.1404



0.0000, 0.0000, 0.0000



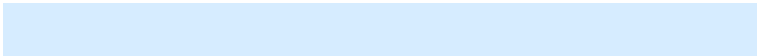
20.3446, 21.4041, 23.3091

Same Dimension

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



44.7666, 47.9677, 60.3261



75.8854, 81.6371, 106.3657



42.2083, 42.8511, 59.4733



10.5219, 11.2178, 13.5282



10.1098, 9.6136, 36.0671



0.5506, 0.5990, 1.7317

Inverse Universe

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



46.9053, 45.0570, 52.6814



80.5028, 75.5207, 89.8231



50.6341, 54.7815, 46.9358



10.8687, 10.7309, 12.2918



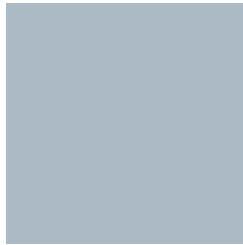
16.9023, 8.5105, 9.9613



0.8366, 0.4175, 0.6628

Previews

White Background



This preview shows how the XYZ color 44.7652, 47.9657, 60.3250 looks on a white background.

Color Contrast Check

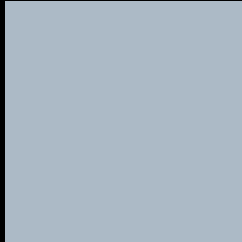
Large Text (above 18pt) WCAG AA × Fail

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 44.7652, 47.9657, 60.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

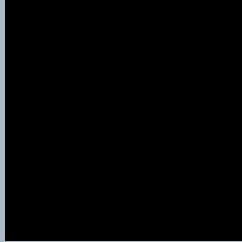
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

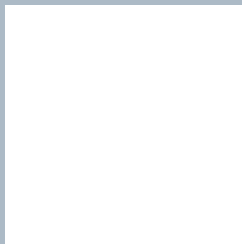
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.7652, 47.9657, 60.3250

Background



This preview shows how black text looks on a background with the XYZ color 44.7652, 47.9657, 60.3250.



This preview shows how white text looks on a background with the XYZ color 44.7652, 47.9657,

60.3250.

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

44.7652, 47.9657, 60.3250

Protanopia

46.6645, 48.0428, 59.0383

Deuteranopia

48.9346, 47.9658, 60.7120



Tritanopia

44.9975, 48.0586, 61.5482

Trichromacy



Original Color

44.7652, 47.9657, 60.3250

Protanomaly

46.0409, 48.0155, 59.6646

Deuteranomaly

47.5303, 48.1442, 60.8205

Tritanomaly

44.8810, 48.0120, 60.9346

Monochromacy



Original Color

44.7652, 47.9657, 60.3250

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8080, 47.4955, 54.3829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7652, 47.9657, 60.3250 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(172, 186, 198) looks like.

```
.text, #text, p{  
    color:rgb(172, 186, 198)  
}
```

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(172, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 186, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.7652, 47.9657, 60.3250 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(172, 186, 198) }
```


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

```
.border{ border-color:rgb(172, 186, 198) }
```

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

Here you see how a box with a 4 pixel rgb(172, 186, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(172, 186,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7652, 47.9657, 60.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 186, 198) }
```

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

```
.background{ background-color: rgb(172,  
186, 198) }
```

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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