

Converting Colors

XYZ(44.4129, 48.0394, 60.9045)

Have a look what the booklet for
XYZ(44.4129, 48.0394, 60.9045)
contains.

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Color

**XYZ(44.4413, 48.0992,
60.9746)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BBC7
RGB	169, 187, 199
RGB Percent	66%, 73%, 78%
CMY	0.3372, 0.2667, 0.2196
CMYK	0.15, 0.06, 0.00, 0.22
HSL	204°, 21%, 72%
HSV	204°, 15%, 78%
XYZ	44.4413, 48.0992, 60.9746
YIQ	182.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

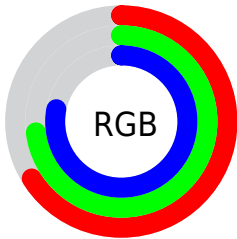
Format	Color
R_{YB}	169, 180, 199
Decimal	11123655
CIE Lab	74.89, -3.68, -8.15
CIE LCh	75, 8.941, 245.709
Yxy	48.0992, 0.2895, 0.3133
Android (android.graphics.Color)	4289313735 (0xFFA9BBC7)
YUV	182.9860, 7.8949, -12.2657
Hunter-Lab	69.3536, -6.9872, -3.5793

Details

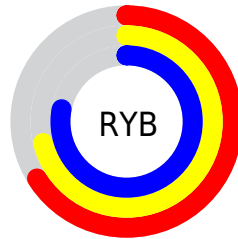
The XYZ color **44.4413, 48.0992, 60.9746** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2388, 48.0542, 44.3226**, and the grayscale version is **44.9670, 47.3088, 51.5193**.

A 20% lighter version of the original color is **80.8411, 87.1685, 107.1722**, and **20.9721, 22.8764, 30.0983** is the 20% darker color. If you saturate the color by 10%, you get **38.8512, 42.7813, 60.2435**, and if you desaturate by 10%, it is **50.7776, 53.9432, 61.7694**.

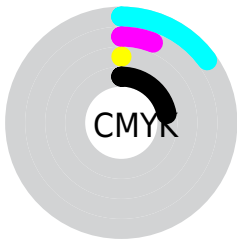
Distribution



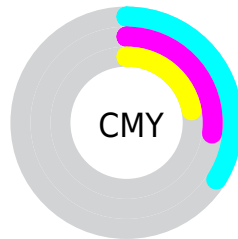
- Red (66%)
- Green (73%)
- Blue (78%)



- Red (66%)
- Yellow (71%)
- Blue (78%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (34%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4413, 48.0992, 60.9746 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 44.4413, 48.0992, 60.9746 by changing the saturation by 10% instead.

■ 44.4413, 48.0992,
60.9746

■ 44.4413, 48.0992,
60.9746

355.3280,
379.1852, 446.0848

■ 31.2170, 33.9055,
43.7742

■ 81.1236, 87.3521,
107.7993

■ 20.9168, 22.8210,
30.1572

■ 105.3123,
113.1800, 138.2608

■ 13.1753, 14.4614,
19.7049

133.8866,
143.6548, 173.9797

■ 7.6272, 8.4423,
11.9987

167.2117,
179.1608, 215.3746

■ 3.9071, 4.3792,
6.6203

205.6530,
220.0825, 262.8640

■ 1.6497, 1.8879,
3.1510

249.5759,

■ 0.4245, 0.5411,

266.8041, 316.8665

1.1722

299.3458,
319.7103, 377.8006

■ 0.0000, 0.0000,
0.0000

■ 44.4413, 48.0992,
60.9746

■ 44.4413, 48.0992,
60.9746

■ 38.8512, 42.7813,
60.2435

■ 50.7776, 53.9432,
61.7694

■ 33.9723, 37.9654,
59.5711

■ 57.8847, 60.3245,
62.6265

■ 29.7729, 33.6343,
58.9565

■ 65.7913, 67.2611,
63.5487

■ 26.2172, 29.7670,
58.3974

■ 74.5233, 74.7685,
64.5376

■ 23.2657, 26.3408,
57.8917

■ 78.9622, 80.2100,
65.3539

■ 20.8743, 23.3306,
57.4367

■ 81.1869, 84.6594,
66.0955

■ 18.9918, 20.7074,
57.0295

■ 83.5135, 89.3126,
66.8710

■ 17.5566, 18.4367,
56.6669

■ 85.9433, 94.1722,
67.6810

■ 16.9557, 17.4170,
56.5018

■ 87.3089, 96.9036,
68.1362

Harmonies

Analogous

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



43.2221, 48.0992, 57.7801



44.4413, 48.0992, 60.9746



46.0289, 48.0992, 61.8075

Triad

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



44.4413, 48.0992, 60.9746



48.9026, 48.0992, 51.4852



43.9142, 48.0992, 45.4251

Complementary

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



44.4413, 48.0992, 60.9746



47.2388, 48.0542, 44.3226

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.



45.4062, 48.0992, 43.9490



44.4413, 48.0992, 60.9746



48.3058, 48.0992, 47.3121

Square

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



44.4413, 48.0992, 60.9746



48.6295, 48.0992, 56.1467



47.0166, 48.0992, 44.6189



42.9229, 48.0992, 48.7701

Rectangle

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



44.4413, 48.0992, 60.9746



47.0881, 48.0992, 60.8709



47.0166, 48.0992, 44.6189



44.3724, 48.0992, 44.7032

Sweetspot

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



44.4427, 48.1012, 60.9757



88.9087, 94.4513, 108.1527



45.0757, 52.5984, 51.2252



18.8514, 20.0537, 23.1271



0.0000, 0.0000, 0.0000



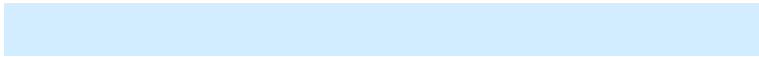
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4427, 48.1012, 60.9757



74.5540, 81.1524, 106.3423



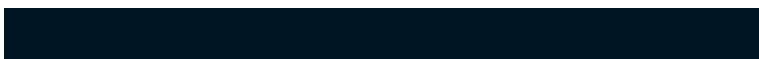
41.5197, 42.2552, 60.0013



10.5771, 11.3283, 13.5466



10.9904, 11.3746, 36.3606



0.5899, 0.6776, 1.7448

Inverse Universe

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



46.7119, 44.1069, 53.0675



79.2991, 73.0037, 89.7600



50.3427, 54.2622, 45.3573



10.8966, 10.7420, 12.4386



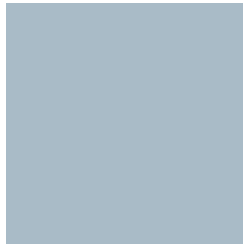
17.3468, 8.6883, 12.3018



0.8564, 0.4254, 0.7672

Previews

White Background



This preview shows how the XYZ color 44.4413, 48.0992, 60.9746 looks on a white background.

Color Contrast Check

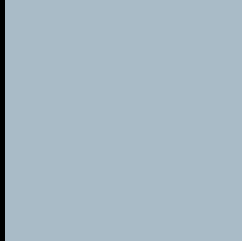
Large Text (above 18pt) WCAG AA × Fail

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 44.4413, 48.0992, 60.9746 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

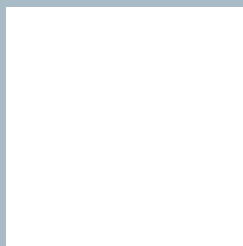
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4413, 48.0992, 60.9746

Background



This preview shows how black text looks on a background with the XYZ color 44.4413, 48.0992, 60.9746.



This preview shows how white text looks on a background with the XYZ color 44.4413, 48.0992,

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

44.4413, 48.0992, 60.9746

Protanopia

46.6645, 48.0428, 59.0383

Deuteranopia

48.9108, 47.9266, 61.9312



Tritanopia

44.6751, 48.1927, 62.2058

Trichromacy



Original Color

44.4413, 48.0992, 60.9746

Protanomaly

45.8089, 47.8959, 59.6538

Deuteranomaly

47.1609, 47.9403, 61.4113

Tritanomaly

44.5578, 48.1458, 61.5882

Monochromacy



Original Color

44.4413, 48.0992, 60.9746

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.6859, 47.4201, 54.9419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4413, 48.0992, 60.9746 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(169, 187, 199) looks like.

```
.text, #text, p{  
    color:rgb(169, 187, 199)  
}
```

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(169, 187, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 187, 199) }
```

Border

The CSS property to change the border of an element to XYZ 44.4413, 48.0992, 60.9746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

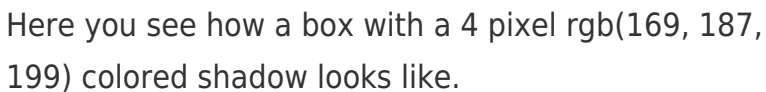
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 187, 199) }
```


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

```
.border{ border-color:rgb(169, 187, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 187, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 187, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 187, 199); box-shadow:4px 4px 4px 4px rgb(169, 187, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4413, 48.0992, 60.9746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 187, 199) }
```

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

```
.background{ background-color: rgb(169,  
187, 199) }
```

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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