

Converting Colors

XYZ(45.4385, 48.8886, 62.9187)

Have a look what the booklet for
XYZ(45.4385, 48.8886, 62.9187)
contains.

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Color

**XYZ(45.4385, 48.8886,
62.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBCCA
RGB	171, 188, 202
RGB Percent	67%, 74%, 79%
CMY	0.3294, 0.2627, 0.2078
CMYK	0.15, 0.07, 0.00, 0.21
HSL	207°, 23%, 73%
HSV	207°, 15%, 79%
XYZ	45.4385, 48.8886, 62.9187
YIQ	184.5130, -14.6260, 0.7500

Conversions

Conversions Part 2

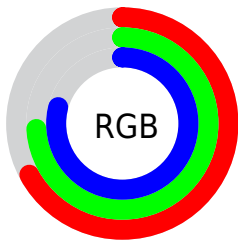
Format	Color
RYB	171, 182, 202
Decimal	11254986
CIELab	75.38, -2.93, -9.03
CIELCh	75, 9.493, 252.034
Yxy	48.8886, 0.2890, 0.3109
Android (android.graphics.Color)	4289445066 (0xFFABBCCA)
YUV	184.5130, 8.6211, -11.8509
Hunter-Lab	69.9204, -6.3606, -4.4086

Details

The XYZ color **45.4385, 48.8886, 62.9187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0572, 50.1948, 45.6322**, and the grayscale version is **45.8044, 48.1898, 52.4787**.

A 20% lighter version of the original color is **82.0792, 88.2523, 107.3161**, and **21.4805, 23.3176, 31.3856** is the 20% darker color. If you saturate the color by 10%, you get **39.4832, 43.0179, 62.1002**, and if you desaturate by 10%, it is **52.1923, 55.3563, 63.8119**.

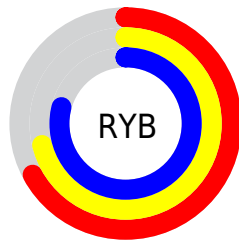
Distribution



Red (67%)

Green (74%)

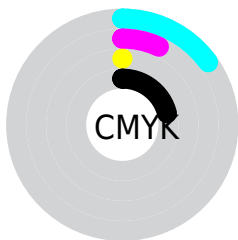
Blue (79%)



Red (67%)

Yellow (71%)

Blue (79%)

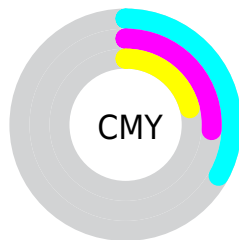


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (26%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4385, 48.8886, 62.9187 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 45.4385, 48.8886, 62.9187 by changing the saturation by 10% instead.

■ 45.4385, 48.8886,
62.9187

■ 45.4385, 48.8886,
62.9187

359.3005,
382.3036, 453.3742

■ 32.0057, 34.5311,
45.3349

■ 82.6111, 88.5260,
110.6367

■ 21.5214, 23.3019,
31.3764

107.0815,
114.5747, 141.6079

■ 13.6203, 14.8166,
20.6248

135.9619,
145.2892, 177.8786

■ 7.9370, 8.6908,
12.6614

169.6176,
181.0540, 219.8674

■ 4.1061, 4.5400,
7.0679

208.4140,
222.2534, 267.9928

■ 1.7623, 1.9800,
3.4255

252.7164,

■ 0.4948, 0.5958,

269.2719, 322.6734

1.3158

302.8901,
322.4938, 384.3277

■ 0.0000, 0.0000,
0.0747

■ 0.0000, 0.0000,
0.0000

■ 45.4385, 48.8886,
62.9187

■ 45.4385, 48.8886,
62.9187

■ 39.4832, 43.0179,
62.1002

■ 52.1923, 55.3563,
63.8119

■ 34.2894, 37.7180,
61.3510

■ 59.7709, 62.4340,
64.7786

■ 29.8235, 32.9694,
60.6698

■ 68.2048, 70.1419,
65.8219

■ 26.0473, 28.7488,
60.0541

■ 77.5215, 78.4973,
66.9436

■ 22.9191, 25.0312,
59.5014

■ 81.2127, 84.1480,
67.8397

■ 20.3919, 21.7884,
59.0087

■ 83.8710, 89.4646,
68.7258

■ 18.4119, 18.9888,
58.5727

■ 86.6648, 95.0523,
69.6571

■ 16.9132, 16.5943,
58.1895

■ 87.6608, 97.0443,
69.9891

■ 16.3223, 15.5873,
58.0263

Harmonies

Analogous

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



44.0161, 48.8886, 59.9373



45.4385, 48.8886, 62.9187



47.1711, 48.8886, 63.2073

Triad

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



45.4385, 48.8886, 62.9187



49.8311, 48.8886, 51.2505



44.2537, 48.8886, 46.3997

Complementary

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



45.4385, 48.8886, 62.9187



49.0572, 50.1948, 45.6322

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.



45.7702, 48.8886, 44.3645



45.4385, 48.8886, 62.9187



49.0075, 48.8886, 47.0453

Square

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



45.4385, 48.8886, 62.9187



49.7368, 48.8886, 56.2549



47.5112, 48.8886, 44.5932



43.3440, 48.8886, 50.3182

Rectangle

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



45.4385, 48.8886, 62.9187



48.2721, 48.8886, 61.8120



47.5112, 48.8886, 44.5932



44.7078, 48.8886, 45.4841

Sweetspot

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



45.4399, 48.8906, 62.9198



88.7046, 94.0431, 108.0846



46.6678, 54.4006, 53.9130



18.8018, 19.9545, 23.1106



0.0000, 0.0000, 0.0000



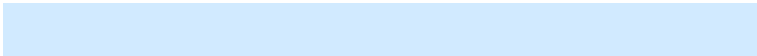
20.3446, 21.4041, 23.3091

Same Dimension

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



45.4399, 48.8906, 62.9198



73.8738, 79.7919, 106.1155



42.3137, 42.6382, 61.8777



11.1032, 11.8468, 14.2718



10.5932, 10.2103, 37.3687



0.6217, 0.6771, 1.9529

Inverse Universe

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



47.9983, 45.3144, 53.7959



78.9557, 72.8663, 87.9519



52.4673, 57.0150, 46.7689



11.4654, 11.3149, 12.9856



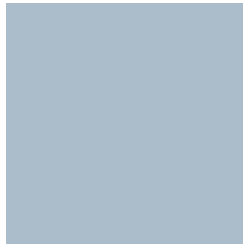
17.5578, 8.8337, 10.6562



0.9437, 0.4709, 0.7496

Previews

White Background



This preview shows how the XYZ color 45.4385, 48.8886, 62.9187 looks on a white background.

Color Contrast Check

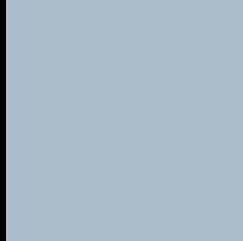
Large Text (above 18pt) WCAG AA × Fail

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 45.4385, 48.8886, 62.9187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

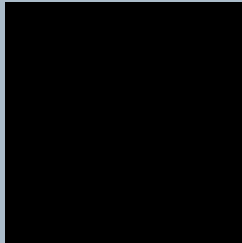
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4385, 48.8886, 62.9187

Background



This preview shows how black text looks on a background with the XYZ color 45.4385, 48.8886, 62.9187.



This preview shows how white text looks on a background with the XYZ color 45.4385, 48.8886,

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

45.4385, 48.8886, 62.9187

Protanopia

47.5734, 48.7654, 61.5489

Deuteranopia

49.7260, 48.6043, 63.8875



Tritanopia

45.5573, 48.9362, 63.5444

Trichromacy



Original Color

45.4385, 48.8886, 62.9187

Protanomaly

46.7140, 48.6183, 62.1805

Deuteranomaly

47.9627, 48.6179, 63.3562

Tritanomaly

45.5573, 48.9362, 63.5444

Monochromacy



Original Color

45.4385, 48.8886, 62.9187

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.7853, 48.5827, 56.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4385, 48.8886, 62.9187 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(171, 188, 202)` looks like.

```
.text, #text, p{  
    color:rgb(171, 188, 202)  
}
```

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(171, 188, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 188, 202) }
```

Border

The CSS property to change the border of an element to XYZ 45.4385, 48.8886, 62.9187 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(171, 188, 202) }
```


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

```
.border{ border-color:rgb(171, 188, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 188, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 188, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 188, 202);  
box-shadow:4px 4px 4px 4px rgb(171, 188,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4385, 48.8886, 62.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 188, 202) }
```

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

```
.background{ background-color: rgb(171,  
188, 202) }
```

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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