

Converting Colors

XYZ(45.6454, 48.6432, 52.3871)

Have a look what the booklet for
XYZ(45.6454, 48.6432, 52.3871)
contains.

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Color

**XYZ(45.5020, 48.5236,
52.3152)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BAB8
RGB	182, 186, 184
RGB Percent	71%, 73%, 72%
CMY	0.2863, 0.2706, 0.2784
CMYK	0.02, 0.00, 0.01, 0.27
HSL	150°, 3%, 72%
HSV	150°, 2%, 73%
XYZ	45.5020, 48.5236, 52.3152
YIQ	184.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

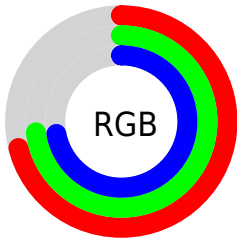
Format	Color
RYB	182, 185, 186
Decimal	11975352
CIELab	75.15, -1.76, 0.52
CIElCh	75, 1.837, 163.689
Yxy	48.5236, 0.3109, 0.3316
Android (android.graphics.Color)	4290165432 (0xFFB6BAB8)
YUV	184.5760, -0.2840, -2.2592
Hunter-Lab	69.6589, -5.3048, 4.2333

Details

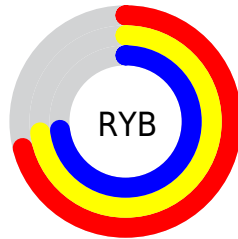
The XYZ color **45.5020, 48.5236, 52.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6311, 47.3568, 52.0855**, and the grayscale version is **45.8820, 48.2715, 52.5676**.

A 20% lighter version of the original color is **82.7402, 87.9727, 95.0576**, and **21.5375, 23.0809, 24.7926** is the 20% darker color. If you saturate the color by 10%, you get **40.4542, 46.0318, 47.1532**, and if you desaturate by 10%, it is **51.2003, 51.3461, 57.8447**.

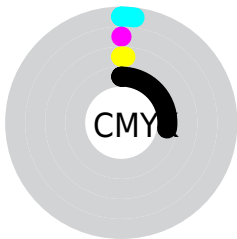
Distribution



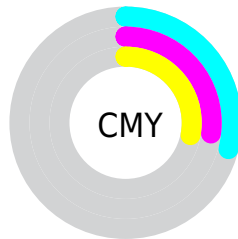
- Red (71%)
- Green (73%)
- Blue (72%)



- Red (71%)
- Yellow (73%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5020, 48.5236, 52.3152 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 45.5020, 48.5236, 52.3152 by changing the saturation by 10% instead.

■ 45.5020, 48.5236,
52.3152

■ 45.5020, 48.5236,
52.3152

359.5525,
380.8638, 412.6438

■ 32.0560, 34.2417,
36.8724

■ 82.7056, 87.9835,
95.0272

■ 21.5600, 23.0794,
24.8137

107.1940,
113.9303, 123.1336

■ 13.6488, 14.6521,
15.7206

136.0938,
144.5342, 156.2981

■ 7.9568, 8.5756,
9.1744

169.7704,
180.1795, 194.9395

■ 4.1189, 4.4654,
4.7568

208.5893,
221.2508, 239.4762

■ 1.7696, 1.9372,
2.0490

252.9156,

■ 0.4993, 0.5706,

268.1323, 290.3268

0.5852

303.1149,
321.2085, 347.9098

■ 0.0000, 0.0000,
0.0000

■ 45.5020, 48.5236,
52.3152

■ 45.5020, 48.5236,
52.3152

■ 40.4542, 46.0318,
47.1532

■ 51.2003, 51.3461,
57.8447

■ 36.0286, 43.8521,
42.3481

■ 57.5677, 54.5046,
63.7458

■ 32.2011, 41.9736,
37.8931

■ 64.6272, 58.0122,
70.0267

■ 28.9443, 40.3823,
33.7801

■ 71.8814, 61.6124,
76.6700

■ 26.2286, 39.0631,
30.0008

■ 73.1581, 62.1230,
83.3925

■ 24.0214, 37.9994,
26.5463

■ 74.5045, 62.6616,
90.4829

■ 22.2867, 37.1728,
23.4074

■ 75.9219, 63.2285,
97.9467

■ 20.9833, 36.5623,
20.5743

■ 76.8499, 63.5997,
102.8333

■ 20.0623, 36.1427,
18.0367

Harmonies

Analogous

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



45.6747, 48.5236, 51.5053



45.5020, 48.5236, 52.3152



45.4944, 48.5236, 53.2737

Triad

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



45.5020, 48.5236, 52.3152



46.2735, 48.5236, 54.6550



46.5897, 48.5236, 51.5642

Complementary

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



45.5020, 48.5236, 52.3152



45.6311, 47.3568, 52.0855

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.



46.7518, 48.5236, 52.3966



45.5020, 48.5236, 52.3152



46.5686, 48.5236, 54.1853

Square

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



45.5020, 48.5236, 52.3152



45.9387, 48.5236, 54.6325



46.7440, 48.5236, 53.3561



46.3022, 48.5236, 51.0753

Rectangle

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



45.5020, 48.5236, 52.3152



45.5839, 48.5236, 53.8685



46.7440, 48.5236, 53.3561



46.6607, 48.5236, 51.8127

Sweetspot

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



45.5034, 48.5257, 52.3163



83.5861, 88.5014, 95.9258



45.7873, 48.6961, 51.2425



18.4183, 19.4951, 21.1356



90.7827, 95.5105, 104.0109



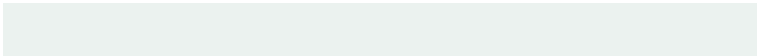
18.6292, 19.5994, 21.3438

Same Dimension

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



45.5034, 48.5257, 52.3163



81.6047, 87.5216, 93.9548



45.7078, 48.6075, 53.3928



9.6903, 10.4382, 11.1686



13.1782, 24.1722, 11.1265



0.4958, 0.8646, 0.5568

Inverse Universe

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



45.6311, 47.3568, 52.0855



81.9309, 84.5376, 93.3656



45.4295, 47.2762, 51.0235



9.7379, 10.0031, 11.0827



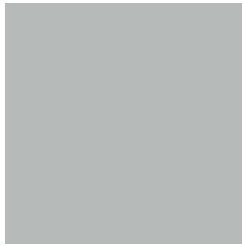
14.9924, 7.5707, 7.8468



0.5598, 0.2794, 0.4411

Previews

White Background



This preview shows how the XYZ color 45.5020, 48.5236, 52.3152 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 45.5020, 48.5236, 52.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

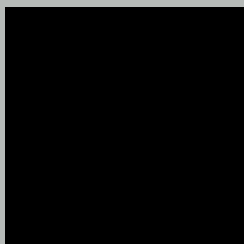
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

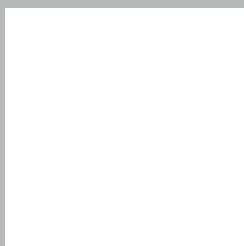
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5020, 48.5236, 52.3152

Background



This preview shows how black text looks on a background with the XYZ color 45.5020, 48.5236, 52.3152.



This preview shows how white text looks on a background with the XYZ color 45.5020, 48.5236,

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

45.5020, 48.5236, 52.3152

Protanopia

46.6740, 48.5187, 51.7048

Deuteranopia

49.2342, 48.2995, 52.6268



Tritanopia

47.1007, 48.5485, 60.3144

Trichromacy



Original Color

45.5020, 48.5236, 52.3152

Protanomaly

46.1459, 48.5559, 51.7398

Deuteranomaly

47.9906, 48.5608, 52.7427

Tritanomaly

46.5030, 48.6155, 57.3848

Monochromacy



Original Color

45.5020, 48.5236, 52.3152

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.8731, 48.3911, 52.8216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5020, 48.5236, 52.3152 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(182, 186, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 184)  
}
```

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(182, 186, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.5020, 48.5236, 52.3152 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(182, 186, 184) }
```


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

```
.border{ border-color:rgb(182, 186, 184) }
```

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

Here you see how a box with a 4 pixel rgb(182, 186, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5020, 48.5236, 52.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 184) }
```

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

```
.background{ background-color: rgb(182,  
186, 184) }
```

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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