

Converting Colors

XYZ(45.7381, 48.7124, 51.4808)

Have a look what the booklet for
XYZ(45.7381, 48.7124, 51.4808)
contains.

XYZ(45.7696, 48.6856, 51.2409)	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(45.7696, 48.6856,
51.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BAB6
RGB	184, 186, 182
RGB Percent	72%, 73%, 71%
CMY	0.2784, 0.2706, 0.2863
CMYK	0.01, 0.00, 0.02, 0.27
HSL	90°, 3%, 72%
HSV	90°, 2%, 73%
XYZ	45.7696, 48.6856, 51.2409
YIQ	184.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

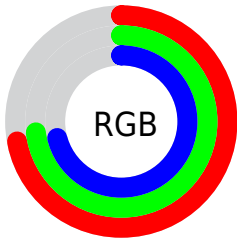
Format	Color
RYB	182, 186, 184
Decimal	12106422
CIELab	75.26, -1.43, 1.77
CIELCh	75, 2.279, 129.025
Yxy	48.6856, 0.3141, 0.3342
Android (android.graphics.Color)	4290296502 (0xFFB8BAB6)
YUV	184.9460, -1.4524, -0.8296
Hunter-Lab	69.7751, -5.0176, 5.3016

Details

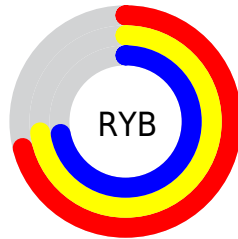
The XYZ color **45.7696, 48.6856, 51.2409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3599, 47.1927, 53.1753**, and the grayscale version is **46.0931, 48.4935, 52.8094**.

A 20% lighter version of the original color is **83.1199, 88.2026, 93.5328**, and **21.7100, 23.1853, 24.0999** is the 20% darker color. If you saturate the color by 10%, you get **41.8171, 46.8570, 41.6792**, and if you desaturate by 10%, it is **50.1270, 50.6962, 62.1564**.

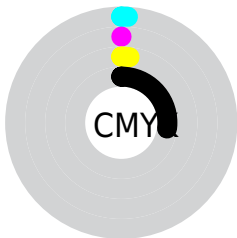
Distribution



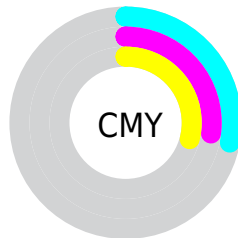
- Red (72%)
- Green (73%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7696, 48.6856, 51.2409 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 45.7696, 48.6856, 51.2409 by changing the saturation by 10% instead.

■ 45.7696, 48.6856,
51.2409

■ 45.7696, 48.6856,
51.2409

360.6131,
381.5033, 408.3723

■ 32.2679, 34.3701,
36.0223

■ 83.1041, 88.2243,
93.4259

■ 21.7227, 23.1781,
24.1616

107.6675,
114.2164, 121.2294

■ 13.7688, 14.7251,
15.2402

136.6490,
144.8694, 154.0649

■ 8.0406, 8.6267,
8.8397

170.4137,
180.5678, 192.3511

■ 4.1730, 4.4985,
4.5414

209.3271,
221.6961, 236.5063

■ 1.8005, 1.9561,
1.9268

253.7546,

■ 0.5179, 0.5818,

268.6384, 286.9492

0.5097

304.0615,
321.7794, 344.0984

■ 0.0000, 0.0000,
0.0000

■ 45.7696, 48.6856,
51.2409

■ 45.7696, 48.6856,
51.2409

■ 41.8171, 46.8570,
41.6792

■ 50.1270, 50.6962,
62.1564

■ 38.2526, 45.1986,
33.4155

■ 54.8972, 52.8877,
74.4725

■ 35.0639, 43.7069,
26.3946

■ 60.0934, 55.2672,
88.2374

■ 32.2366, 42.3756,
20.5561

■ 65.4998, 57.7486,
102.3021

■ 29.7552, 41.1984,
15.8348

■ 68.4171, 59.2525,
102.4386

■ 27.6031, 40.1680,
12.1589

■ 71.4941, 60.8387,
102.5826

■ 25.7616, 39.2768,
9.4484

■ 74.7331, 62.5085,
102.7342

■ 24.2101, 38.5160,
7.6117

■ 76.8499, 63.5997,
102.8333

■ 22.9241, 37.8755,
6.5395

Harmonies

Analogous

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



46.1481, 48.6856, 50.7678



45.7696, 48.6856, 51.2409



45.5272, 48.6856, 52.1901

Triad

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



45.7696, 48.6856, 51.2409



45.9869, 48.6856, 55.1904



47.0731, 48.6856, 52.6498

Complementary

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



45.7696, 48.6856, 51.2409



45.3599, 47.1927, 53.1753

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.



47.0293, 48.6856, 53.8392



45.7696, 48.6856, 51.2409



46.4005, 48.6856, 55.3180

Square

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



45.7696, 48.6856, 51.2409



45.6522, 48.6856, 54.4740



46.7825, 48.6856, 54.8201



46.9019, 48.6856, 51.5731

Rectangle

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



45.7696, 48.6856, 51.2409



45.4747, 48.6856, 52.9712



46.7825, 48.6856, 54.8201



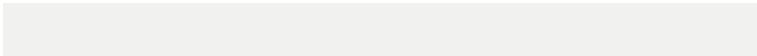
47.0831, 48.6856, 53.0495

Sweetspot

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



45.7710, 48.6877, 51.2420



83.8177, 88.6416, 94.9957



45.8355, 48.0993, 51.1250



18.4667, 19.5244, 20.9411



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.



45.7710, 48.6877, 51.2420



82.2856, 87.9338, 91.2200



45.2952, 48.4424, 51.2197



9.7894, 10.4982, 10.7707



14.9312, 25.2336, 4.0836



0.5977, 0.9263, 0.1473

Inverse Universe

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



45.3599, 47.1927, 53.1753



81.2361, 84.1170, 96.1560



45.8424, 47.4415, 53.1979



9.6364, 9.9416, 11.4905



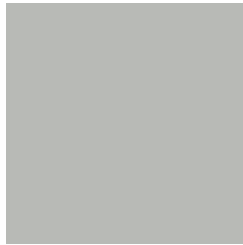
9.0915, 3.9981, 31.5456



0.3919, 0.1777, 1.1154

Previews

White Background



This preview shows how the XYZ color 45.7696, 48.6856, 51.2409 looks on a white background.

Color Contrast Check

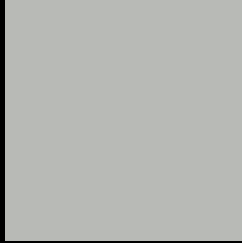
Large Text (above 18pt) WCAG AA × Fail

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 45.7696, 48.6856, 51.2409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

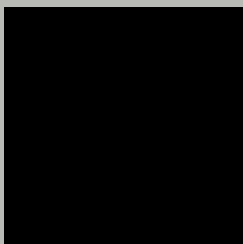
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

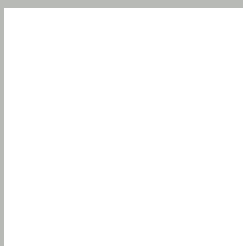
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.7696, 48.6856, 51.2409

Background



This preview shows how black text looks on a background with the XYZ color 45.7696, 48.6856, 51.2409.



This preview shows how white text looks on a background with the XYZ color 45.7696, 48.6856,

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

45.7696, 48.6856, 51.2409

Protanopia

46.4672, 48.4360, 50.6161

Deuteranopia

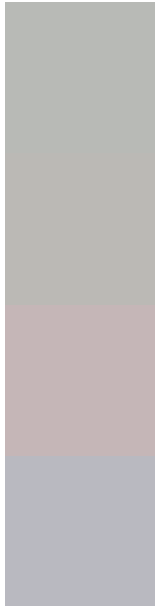
49.5692, 48.4965, 51.5479



Tritanopia

47.5832, 48.7973, 60.3370

Trichromacy



Original Color

45.7696, 48.6856, 51.2409

Protanomaly

46.1830, 48.5989, 50.6625

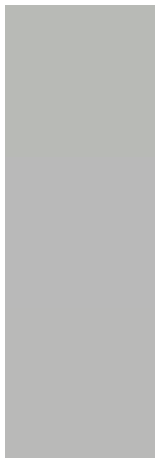
Deuteranomaly

48.3011, 48.7451, 51.6627

Tritanomaly

46.8710, 48.8180, 56.8216

Monochromacy



Original Color

45.7696, 48.6856, 51.2409

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.0083, 48.4729, 52.2787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7696, 48.6856, 51.2409 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(184, 186, 182)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 45.7696, 48.6856, 51.2409 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(184, 186, 182) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 45.7696, 48.6856, 51.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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