

Converting Colors

XYZ(45.1342, 47.6108, 53.6411)

Have a look what the booklet for
XYZ(45.1342, 47.6108, 53.6411)
contains.

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Color

**XYZ(45.1662, 47.6926,
53.8388)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B8BB
RGB	181, 184, 187
RGB Percent	71%, 72%, 73%
CMY	0.2902, 0.2784, 0.2667
CMYK	0.03, 0.02, 0.00, 0.27
HSL	210°, 4%, 72%
HSV	210°, 3%, 73%
XYZ	45.1662, 47.6926, 53.8388
YIQ	183.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

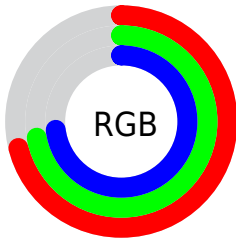
Format	Color
RYB	181, 183, 187
Decimal	11909307
CIELab	74.63, -0.47, -1.89
CIELCh	75, 1.950, 255.989
Yxy	47.6926, 0.3079, 0.3251
Android (android.graphics.Color)	4290099387 (0xFFB5B8BB)
YUV	183.4450, 1.7526, -2.1443
Hunter-Lab	69.0598, -4.1129, 2.1196

Details

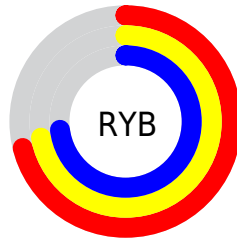
The XYZ color **45.1662, 47.6926, 53.8388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9746, 48.1815, 50.5937**, and the grayscale version is **45.2470, 47.6034, 51.8401**.

A 20% lighter version of the original color is **82.2628, 86.7958, 97.2116**, and **21.3215, 22.5430, 25.7817** is the 20% darker color. If you saturate the color by 10%, you get **39.1959, 41.8301, 53.0226**, and if you desaturate by 10%, it is **51.8559, 54.1189, 54.7273**.

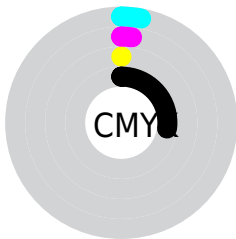
Distribution



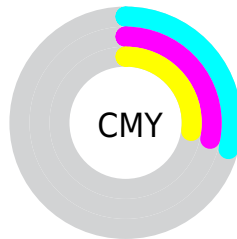
- Red (71%)
- Green (72%)
- Blue (73%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1662, 47.6926, 53.8388 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 45.1662, 47.6926, 53.8388 by changing the saturation by 10% instead.

■ 45.1662, 47.6926,
53.8388

■ 45.1662, 47.6926,
53.8388

358.2186,
377.5724, 418.6522

■ 31.7902, 33.5835,
38.0805

■ 82.2053, 86.7465,
97.2915

■ 21.3561, 22.5738,
25.7429

106.5991,
112.4602, 125.8230

■ 13.4985, 14.2791,
16.4073

135.3962,
142.8108, 159.4494

■ 7.8520, 8.3151,
9.6554

168.9619,
178.1828, 198.5891

■ 4.0514, 4.2972,
5.0685

207.6617,
218.9606, 243.6607

■ 1.7313, 1.8412,
2.2280

251.8608,

■ 0.4757, 0.5126,

265.5285, 295.0827

0.6905

301.9247,
318.2709, 353.2737

■ 0.0000, 0.0000,
0.0000

■ 45.1662, 47.6926,
53.8388

■ 45.1662, 47.6926,
53.8388

■ 39.1959, 41.8301,
53.0226

■ 51.8559, 54.1189,
54.7273

■ 33.9153, 36.5083,
52.2737

■ 59.2853, 61.1189,
55.6869

■ 29.2983, 31.7115,
51.5912

■ 67.4789, 68.7101,
56.7203

■ 25.3156, 27.4206,
50.9729

■ 76.1633, 76.7549,
57.8154

■ 21.9357, 23.6154,
50.4165

■ 78.7040, 81.8363,
58.6623

■ 19.1239, 20.2738,
49.9198

■ 81.3841, 87.1966,
59.5557

■ 16.8418, 17.3719,
49.4799

■ 84.2058, 92.8400,
60.4962

■ 15.0454, 14.8824,
49.0941

■ 85.9698, 96.3679,
61.0842

■ 13.6826, 12.7737,
48.7589

Harmonies

Analogous

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



44.8603, 47.6926, 53.3403



45.1662, 47.6926, 53.8388



45.5177, 47.6926, 53.8210

Triad

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



45.1662, 47.6926, 53.8388



45.9862, 47.6926, 51.3953



44.8438, 47.6926, 50.5897

Complementary

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



45.1662, 47.6926, 53.8388



45.9746, 48.1815, 50.5937

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.



45.1436, 47.6926, 50.0821



45.1662, 47.6926, 53.8388



45.8038, 47.6926, 50.5431

Square

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



45.1662, 47.6926, 53.8388



45.9924, 47.6926, 52.4013



45.4950, 47.6926, 50.0652



44.6748, 47.6926, 51.4598

Rectangle

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



45.1662, 47.6926, 53.8388



45.7306, 47.6926, 53.5185



45.4950, 47.6926, 50.0652



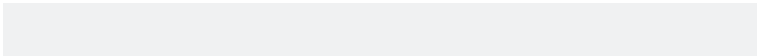
44.9326, 47.6926, 50.3716

Sweetspot

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



45.1676, 47.6946, 53.8398



83.4084, 87.8552, 96.7631



45.4684, 48.8217, 52.3203



18.3811, 19.3600, 21.3106



90.7827, 95.5105, 104.0109



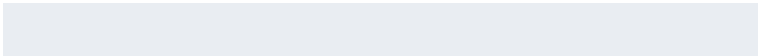
18.6292, 19.5994, 21.3438

Same Dimension

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



45.1676, 47.6946, 53.8398



79.9284, 84.4815, 96.2953



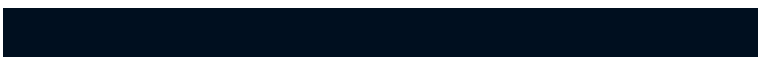
44.5707, 46.5008, 53.6409



10.0435, 10.6229, 12.1933



8.9855, 8.0827, 33.4794



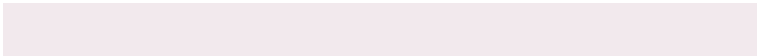
0.4174, 0.4475, 1.3332

Inverse Universe

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



45.6702, 47.0742, 52.0289



81.0644, 83.0889, 92.2003



46.5839, 49.4000, 50.7967



10.2088, 10.4213, 11.5972



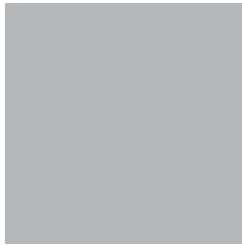
15.5362, 7.8456, 8.1174



0.6416, 0.3205, 0.4919

Previews

White Background



This preview shows how the XYZ color 45.1662, 47.6926, 53.8388 looks on a white background.

Color Contrast Check

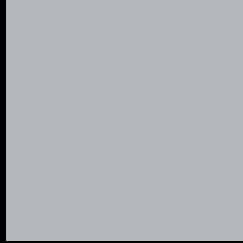
Large Text (above 18pt) WCAG AA × Fail

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 45.1662, 47.6926, 53.8388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

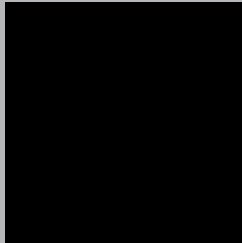
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

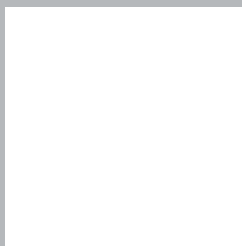
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1662, 47.6926, 53.8388

Background



This preview shows how black text looks on a background with the XYZ color 45.1662, 47.6926, 53.8388.



This preview shows how white text looks on a background with the XYZ color 45.1662, 47.6926,

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

45.1662, 47.6926, 53.8388

Protanopia

46.0461, 47.8512, 53.2637

Deuteranopia

48.5507, 47.6137, 54.2084



Tritanopia

46.3344, 47.5544, 59.5602

Trichromacy



Original Color

45.1662, 47.6926, 53.8388

Protanomaly

45.5636, 47.6025, 53.2411

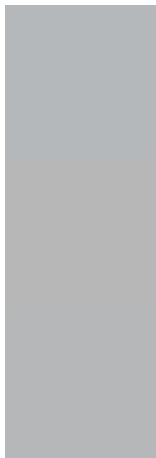
Deuteranomaly

47.1366, 47.4798, 54.2571

Tritanomaly

45.8505, 47.6623, 57.2352

Monochromacy



Original Color

45.1662, 47.6926, 53.8388

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8766, 47.2727, 52.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1662, 47.6926, 53.8388 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(181, 184, 187) looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 187)  
}
```

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(181, 184, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.1662, 47.6926, 53.8388 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(181, 184, 187) }
```


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

```
.border{ border-color:rgb(181, 184, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 184, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 184, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 184, 187); box-shadow:4px 4px 4px 4px rgb(181, 184, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1662, 47.6926, 53.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 187) }
```

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

```
.background{ background-color: rgb(181,  
184, 187) }
```

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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