

Converting Colors

XYZ(50.4204, 54.9524, 46.7720)

Have a look what the booklet for
XYZ(50.4204, 54.9524, 46.7720)
contains.

XYZ(50.6664, 55.2370, 47.0211)	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(50.6664, 55.2370,
47.0211)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C6AC
RGB	197, 198, 172
RGB Percent	77%, 78%, 67%
CMY	0.2274, 0.2235, 0.3255
CMYK	0.01, 0.00, 0.13, 0.22
HSL	62°, 19%, 73%
HSV	62°, 13%, 78%
XYZ	50.6664, 55.2370, 47.0211
YIQ	194.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

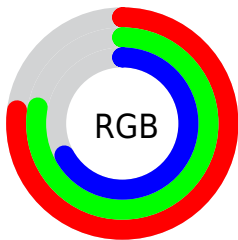
Format	Color
RYB	172, 198, 173
Decimal	12961452
CIELab	79.18, -4.84, 12.93
CIELCh	79, 13.801, 110.510
Yxy	55.2370, 0.3313, 0.3612
Android (android.graphics.Color)	4291151532 (0xFFC5C6AC)
YUV	194.7370, -11.2093, 1.9847
Hunter-Lab	74.3216, -8.3761, 14.5141

Details

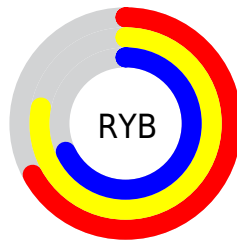
The XYZ color **50.6664, 55.2370, 47.0211** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.1813, 42.4680, 59.4030**, and the grayscale version is **51.7778, 54.4743, 59.3225**.

A 20% lighter version of the original color is **90.4982, 98.1369, 86.8456**, and **24.6911, 27.1422, 21.7069** is the 20% darker color. If you saturate the color by 10%, you get **48.7056, 54.4314, 37.7314**, and if you desaturate by 10%, it is **52.9146, 56.1613, 57.8055**.

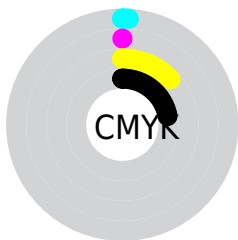
Distribution



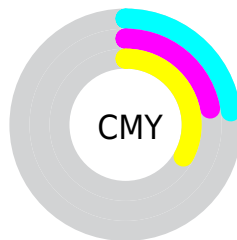
- Red (77%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6664, 55.2370, 47.0211 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 50.6664, 55.2370, 47.0211 by changing the saturation by 10% instead.

■ 50.6664, 55.2370,
47.0211

■ 50.6664, 55.2370,
47.0211

379.6753,
406.8097, 391.2949

■ 36.1631, 39.5915,
32.6979

■ 90.3474, 97.8881,
87.0954

■ 24.7309, 27.2202,
21.6259

116.2558,
125.6625, 113.6836

■ 16.0044, 17.7387,
13.3866

146.6967,
158.2487, 145.1972

■ 9.6181, 10.7625,
7.5614

182.0354,
196.0310, 182.0547

■ 5.2068, 5.9074,
3.7319

222.6373,
239.3939, 224.6747

■ 2.4051, 2.7888,
1.4795

268.8677,

■ 0.8477, 1.0225,

288.7217, 273.4757

0.2025

321.0919,
344.3988, 328.8763

■ 0.0000, 0.0000,
0.0000

■ 50.6664, 55.2370,
47.0211

■ 50.6664, 55.2370,
47.0211

■ 48.7056, 54.4314,
37.7314

■ 52.9146, 56.1613,
57.8055

■ 47.0152, 53.7323,
29.8672

■ 55.4574, 57.2017,
70.1429

■ 45.5834, 53.1368,
23.3589

■ 58.3074, 58.3652,
84.0925

■ 44.3954, 52.6389,
18.1299

■ 61.4751, 59.6558,
99.7097

■ 43.4354, 52.2322,
14.0957

■ 62.2853, 60.0035,
102.9068

■ 42.6853, 51.9097,
11.1620

■ 62.4911, 60.1096,
102.9164

■ 42.1246, 51.6631,
9.2200

■ 62.6980, 60.2163,
102.9261

■ 41.7284, 51.4823,
8.1391

■ 62.9059, 60.3234,
102.9358

■ 41.5201, 51.3838,
7.7297

■ 63.1148, 60.4311,
102.9456

Harmonies

Analogous

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



53.3795, 55.2370, 46.3839



50.6664, 55.2370, 47.0211



48.5172, 55.2370, 51.0005

Triad

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



50.6664, 55.2370, 47.0211



49.2031, 55.2370, 72.6312



57.9025, 55.2370, 62.6804

Complementary

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



50.6664, 55.2370, 47.0211



42.1813, 42.4680, 59.4030

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.



56.6973, 55.2370, 70.3192



50.6664, 55.2370, 47.0211



51.6324, 55.2370, 76.3866

Square

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



50.6664, 55.2370, 47.0211



47.6931, 55.2370, 65.6188



54.3796, 55.2370, 75.5054



57.6218, 55.2370, 54.9819

Rectangle

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



50.6664, 55.2370, 47.0211



47.6629, 55.2370, 55.2216



54.3796, 55.2370, 75.5054



57.6562, 55.2370, 65.3499

Sweetspot

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



50.6679, 55.2394, 47.0223



93.3061, 99.2857, 100.4725



45.6549, 44.8217, 45.2757



19.9032, 21.2233, 21.1769



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.



50.6679, 55.2394, 47.0223



88.5859, 97.3477, 77.8733



47.4416, 53.5762, 46.8713



11.4819, 12.3953, 11.3501



27.0174, 33.4233, 5.0274



1.2922, 1.5892, 0.2386

Inverse Universe

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



42.1813, 42.4680, 59.4030



70.3998, 69.9792, 104.4046



45.1645, 44.0059, 59.5426



10.0939, 10.3067, 13.3749



6.7077, 2.6922, 34.9105



0.3311, 0.1344, 1.6536

Previews

White Background



This preview shows how the XYZ color 50.6664, 55.2370, 47.0211 looks on a white background.

Color Contrast Check

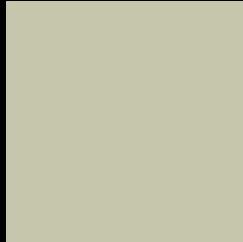
Large Text (above 18pt) WCAG AA × Fail

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 50.6664, 55.2370, 47.0211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

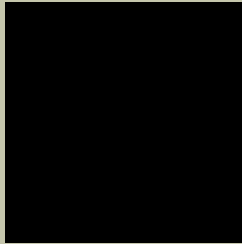
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

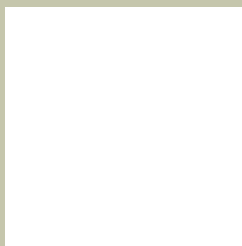
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6664, 55.2370, 47.0211

Background



This preview shows how black text looks on a background with the XYZ color 50.6664, 55.2370, 47.0211.



This preview shows how white text looks on a background with the XYZ color 50.6664, 55.2370,

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

50.6664, 55.2370, 47.0211

Protanopia

52.0426, 54.9496, 46.3915

Deuteranopia

56.2690, 55.1392, 47.7216



Tritanopia

54.8123, 55.2506, 67.4500

Trichromacy



Original Color

50.6664, 55.2370, 47.0211

Protanomaly

51.4477, 54.9767, 46.4281

Deuteranomaly

54.1240, 55.0125, 47.3010

Tritanomaly

53.1849, 55.2497, 59.4909

Monochromacy



Original Color

50.6664, 55.2370, 47.0211

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.4745, 54.8035, 54.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6664, 55.2370, 47.0211 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(197, 198, 172)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 172)  
}
```

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(197, 198, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.6664, 55.2370, 47.0211 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(197, 198, 172) }
```


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

```
.border{ border-color:rgb(197, 198, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 172);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6664, 55.2370, 47.0211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 172) }
```

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

```
.background{ background-color: rgb(197,  
198, 172) }
```

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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