

Converting Colors

XYZ(47.9504, 54.9978, 33.5404)

Have a look what the booklet for
XYZ(47.9504, 54.9978, 33.5404)
contains.

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Color

**XYZ(48.0173, 55.1956,
33.7142)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C98E
RGB	194, 201, 142
RGB Percent	76%, 79%, 56%
CMY	0.2392, 0.2117, 0.4431
CMYK	0.03, 0.00, 0.29, 0.21
HSL	67°, 35%, 67%
HSV	67°, 29%, 79%
XYZ	48.0173, 55.1956, 33.7142
YIQ	192.1810, 14.7670, -19.8330

Conversions

Conversions Part 2

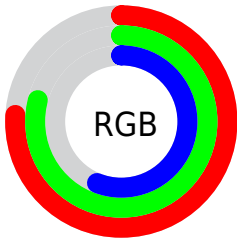
Format	Color
RYB	142, 201, 149
Decimal	12765582
CIELab	79.15, -11.93, 28.75
CIELCh	79, 31.128, 112.527
Yxy	55.1956, 0.3507, 0.4031
Android (android.graphics.Color)	4290955662 (0xFFC2C98E)
YUV	192.1810, -24.7392, 1.5953
Hunter-Lab	74.2937, -14.6465, 25.1001

Details

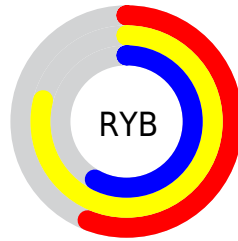
The XYZ color **48.0173, 55.1956, 33.7142** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.6121, 29.9540, 59.3243**, and the grayscale version is **50.3439, 52.9657, 57.6796**.

A 20% lighter version of the original color is **85.5075, 96.0148, 66.2505**, and **23.1373, 27.1982, 13.9278** is the 20% darker color. If you saturate the color by 10%, you get **46.0352, 54.3345, 26.4416**, and if you desaturate by 10%, it is **50.2842, 56.1756, 42.4229**.

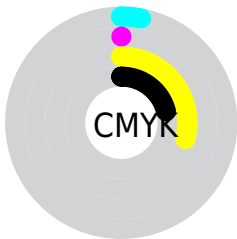
Distribution



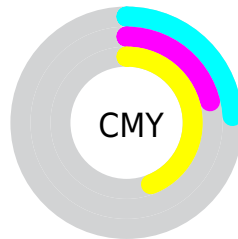
- Red (76%)
- Green (79%)
- Blue (56%)



- Red (56%)
- Yellow (79%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0173, 55.1956, 33.7142 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 48.0173, 55.1956, 33.7142 by changing the saturation by 10% instead.

■ 48.0173, 55.1956,
33.7142

■ 48.0173, 55.1956,
33.7142

369.4421,
406.6530, 333.5860

■ 34.0519, 39.5583,
22.3985

■ 86.4397, 97.8275,
66.6178

■ 23.0965, 27.1944,
13.9489

■ 111.6274,
125.5909, 89.0428

■ 14.7859, 17.7192,
7.9468

141.2866,
158.1652, 116.0080

■ 8.7546, 10.7486,
3.9736

175.7826,
195.9347, 147.9320

■ 4.6373, 5.8981,
1.6109

215.4808,
239.2838, 185.2332

■ 2.0686, 2.7832,
0.2986

260.7466,

■ 0.6721, 1.0196,

288.5970, 228.3302

0.0000

311.9452,
344.2585, 277.6417

■ 0.0000, 0.0000,
0.0000

■ 48.0173, 55.1956,
33.7142

■ 48.0173, 55.1956,
33.7142

■ 46.0352, 54.3345,
26.4416

■ 50.2842, 56.1756,
42.4229

■ 44.3191, 53.5790,
20.5246

■ 52.8453, 57.2725,
52.6354

■ 42.8543, 52.9251,
15.8799

■ 55.7146, 58.4938,
64.4196

■ 41.6229, 52.3658,
12.4139

■ 58.9042, 59.8444,
77.8379

■ 40.6047, 51.8928,
10.0200

■ 62.4253, 61.3288,
92.9496

■ 39.7757, 51.4966,
8.5725

■ 65.0396, 62.4516,
103.2341

■ 39.0942, 51.1605,
7.8518

■ 65.7170, 62.8008,
103.2658

■ 39.0519, 51.1395,
7.8127

■ 66.4045, 63.1552,
103.2980

■ 67.1022, 63.5149,
103.3307

Harmonies

Analogous

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



54.0307, 55.1956, 32.1610



48.0173, 55.1956, 33.7142



43.5414, 55.1956, 41.5962

Triad

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



48.0173, 55.1956, 33.7142



45.5250, 55.1956, 91.5417



65.2187, 55.1956, 64.6587

Complementary

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



48.0173, 55.1956, 33.7142



32.6121, 29.9540, 59.3243

Split Complementary

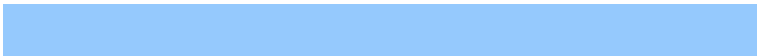
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.5241, 55.1956, 83.4061



48.0173, 55.1956, 33.7142



50.9235, 55.1956, 100.7983

Square

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



48.0173, 55.1956, 33.7142



42.1837, 55.1956, 74.1804



57.1723, 55.1956, 97.5592



64.2868, 55.1956, 47.9222

Rectangle

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



48.0173, 55.1956, 33.7142



41.8730, 55.1956, 50.4010



57.1723, 55.1956, 97.5592



64.7002, 55.1956, 70.9666

Sweetspot

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



48.0187, 55.1981, 33.7154



90.5773, 98.0960, 90.5417



39.7007, 35.8300, 30.4154



19.2414, 20.9343, 18.7899



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.



48.0187, 55.1981, 33.7154



80.0689, 93.5696, 49.7969



41.2085, 51.6873, 33.3967



11.3952, 12.3507, 11.3461



24.6040, 32.1791, 4.9144



1.2009, 1.5422, 0.2344

Inverse Universe

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



32.6121, 29.9540, 59.3243



49.6235, 43.6720, 100.4218



38.6655, 33.0747, 59.6076



10.1717, 10.3468, 13.3785



6.9047, 2.7938, 34.9197



0.3669, 0.1529, 1.6553

Previews

White Background



This preview shows how the XYZ color 48.0173, 55.1956, 33.7142 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 48.0173, 55.1956, 33.7142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

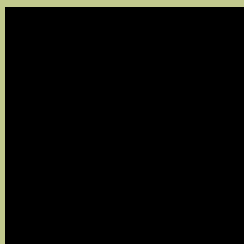
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

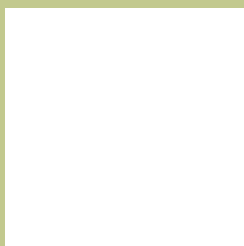
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0173, 55.1956, 33.7142

Background



This preview shows how black text looks on a background with the XYZ color 48.0173, 55.1956, 33.7142.



This preview shows how white text looks on a background with the XYZ color 48.0173, 55.1956,

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

48.0173, 55.1956, 33.7142

Protanopia

51.3375, 55.2222, 32.7641

Deuteranopia

56.0491, 54.9997, 34.4500



Tritanopia

54.8123, 55.2506, 67.4500

Trichromacy



Original Color

48.0173, 55.1956, 33.7142

Protanomaly

50.1786, 55.2904, 33.2267

Deuteranomaly

53.0174, 55.0590, 34.2187

Tritanomaly

51.9448, 55.0827, 53.2416

Monochromacy



Original Color

48.0173, 55.1956, 33.7142

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.1474, 53.4237, 47.7659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0173, 55.1956, 33.7142 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(194, 201, 142)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 142)  
}
```

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(194, 201, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 142) }
```

Border

The CSS property to change the border of an element to XYZ 48.0173, 55.1956, 33.7142 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(194, 201, 142) }
```


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

```
.border{ border-color:rgb(194, 201, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 201, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 142);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0173, 55.1956, 33.7142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 142) }
```

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

```
.background{ background-color: rgb(194,  
201, 142) }
```

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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