

Converting Colors

XYZ(50.6463, 56.9720, 48.2560)

Have a look what the booklet for
XYZ(50.6463, 56.9720, 48.2560)
contains.

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Color

**XYZ(50.7341, 56.9743,
48.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CBAE
RGB	192, 203, 174
RGB Percent	75%, 80%, 68%
CMY	0.2471, 0.2039, 0.3176
CMYK	0.05, 0.00, 0.14, 0.20
HSL	83°, 22%, 74%
HSV	83°, 14%, 80%
XYZ	50.7341, 56.9743, 48.3676
YIQ	196.4050, 2.7530, -11.3510

Conversions

Conversions Part 2

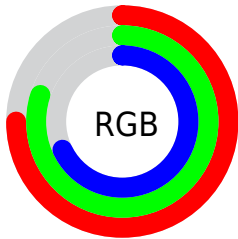
Format	Color
RYB	174, 203, 185
Decimal	12635054
CIELab	80.17, -8.91, 13.20
CIELCh	80, 15.926, 124.026
Yxy	56.9743, 0.3251, 0.3650
Android (android.graphics.Color)	4290825134 (0xFFC0CBAE)
YUV	196.4050, -11.0457, -3.8632
Hunter-Lab	75.4813, -12.1151, 14.8445

Details

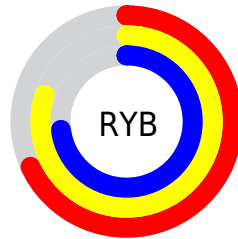
The XYZ color **50.7341, 56.9743, 48.3676** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.9254, 44.8998, 62.7489**, and the grayscale version is **52.7769, 55.5255, 60.4672**.

A 20% lighter version of the original color is **88.7543, 97.1896, 88.9445**, and **24.7415, 28.3033, 22.5714** is the 20% darker color. If you saturate the color by 10%, you get **47.0037, 55.2646, 38.6313**, and if you desaturate by 10%, it is **54.8688, 58.8613, 59.6865**.

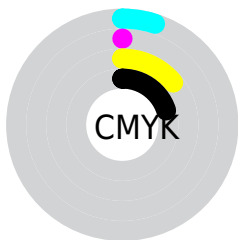
Distribution



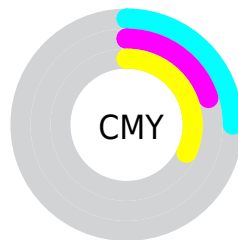
- Red (75%)
- Green (80%)
- Blue (68%)



- Red (68%)
- Yellow (80%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7341, 56.9743, 48.3676 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 50.7341, 56.9743, 48.3676 by changing the saturation by 10% instead.

■ 50.7341, 56.9743,
48.3676

■ 50.7341, 56.9743,
48.3676

379.9345,
413.3530, 396.7980

■ 36.2172, 40.9846,
33.7560

■ 90.4469, 100.4277,
89.1227

■ 24.7729, 28.3071,
22.4304

116.3736,
128.6602, 116.1033

■ 16.0358, 18.5573,
13.9722

146.8343,
161.7424, 148.0441

■ 9.6405, 11.3508,
7.9628

182.1942,
200.0587, 185.3634

■ 5.2217, 6.3033,
3.9837

222.8189,
243.9935, 228.4799

■ 2.4140, 3.0304,
1.6164

269.0736,

■ 0.8521, 1.1476,

293.9313, 277.8122

0.3025

321.3237,
350.2563, 333.7787

■ 0.0000, 0.0183,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7341, 56.9743,
48.3676

■ 50.7341, 56.9743,
48.3676

■ 47.0037, 55.2646,
38.6313

■ 54.8688, 58.8613,
59.6865

■ 43.6581, 53.7185,
30.4034

■ 59.4173, 60.9239,
72.6505

■ 40.6828, 52.3320,
23.6093

■ 64.3944, 63.1701,
87.3230

■ 38.0606, 51.0979,
18.1664

■ 69.7799, 65.5919,
103.5905

■ 35.7726, 50.0086,
13.9839

■ 72.2048, 66.8420,
103.7039

■ 33.7977, 49.0554,
10.9597

■ 74.7389, 68.1484,
103.8225

■ 32.1117, 48.2284,
8.9758

■ 77.3838, 69.5119,
103.9463

■ 30.6857, 47.5159,
7.8892

■ 80.1407, 70.9331,
104.0753

■ 29.9587, 47.1484,
7.5216

■ 80.6471, 71.1942,
104.0990

Harmonies

Analogous

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



53.7153, 56.9743, 45.8569



50.7341, 56.9743, 48.3676



48.7324, 56.9743, 54.5307

Triad

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



50.7341, 56.9743, 48.3676



51.4643, 56.9743, 79.5340



60.6207, 56.9743, 60.7887

Complementary

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



50.7341, 56.9743, 48.3676



45.9254, 44.8998, 62.7489

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.



59.9599, 56.9743, 70.1987



50.7341, 56.9743, 48.3676



54.5918, 56.9743, 81.6312

Square

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



50.7341, 56.9743, 48.3676



49.1421, 56.9743, 72.5858



57.7208, 56.9743, 78.0621



59.4921, 56.9743, 52.5602

Rectangle

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



50.7341, 56.9743, 48.3676



48.1785, 56.9743, 60.1933



57.7208, 56.9743, 78.0621



60.6007, 56.9743, 63.9146

Sweetspot

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



50.7356, 56.9768, 48.3688



92.0414, 98.6337, 100.4133



49.5430, 50.2991, 47.1428



19.5823, 21.0579, 21.1619



0.0000, 0.0000, 0.0000



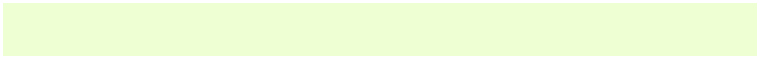
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7356, 56.9768, 48.3688



83.0452, 94.5287, 75.9250



47.3272, 55.2197, 48.2093



11.7254, 12.8759, 11.9467



19.1686, 30.0571, 4.7913



1.0716, 1.5933, 0.2510

Inverse Universe

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



45.9254, 44.8998, 62.7489



73.5319, 70.6421, 104.3675



49.5062, 46.7458, 62.9165



10.9973, 11.0479, 14.1232



8.9027, 3.7971, 36.2200



0.5431, 0.2391, 1.8725

Previews

White Background



This preview shows how the XYZ color 50.7341, 56.9743, 48.3676 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 50.7341, 56.9743, 48.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

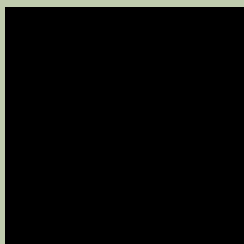
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

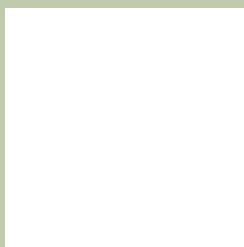
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7341, 56.9743, 48.3676

Background



This preview shows how black text looks on a background with the XYZ color 50.7341, 56.9743, 48.3676.



This preview shows how white text looks on a background with the XYZ color 50.7341, 56.9743,

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

50.7341, 56.9743, 48.3676

Protanopia

53.6529, 56.7766, 47.1609

Deuteranopia

57.8313, 56.5649, 48.9444



Tritanopia

55.2652, 56.7424, 70.9904

Trichromacy



Original Color

50.7341, 56.9743, 48.3676

Protanomaly

52.5542, 56.8822, 47.7446

Deuteranomaly

54.9845, 56.4215, 48.5499

Tritanomaly

53.4972, 56.7061, 62.1586

Monochromacy



Original Color

50.7341, 56.9743, 48.3676

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0062, 56.0798, 55.6604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7341, 56.9743, 48.3676 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(192, 203, 174)` looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 174)  
}
```

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(192, 203, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 174) }
```

Border

The CSS property to change the border of an element to XYZ 50.7341, 56.9743, 48.3676 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(192, 203, 174) }
```


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

```
.border{ border-color:rgb(192, 203, 174) }
```

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

Here you see how a box with a 4 pixel rgb(192, 203, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 203, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 203, 174);  
box-shadow:4px 4px 4px 4px rgb(192, 203,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7341, 56.9743, 48.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 174) }
```

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

```
.background{ background-color: rgb(192,  
203, 174) }
```

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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