

Converting Colors

XYZ(53.4434, 56.5734, 50.4878)

Have a look what the booklet for
XYZ(53.4434, 56.5734, 50.4878)
contains.

XYZ(53.5076, 56.6220, 50.7568)	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(53.5076, 56.6220,
50.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC6B3
RGB	205, 198, 179
RGB Percent	80%, 78%, 70%
CMY	0.1961, 0.2235, 0.2980
CMYK	0.00, 0.03, 0.13, 0.20
HSL	44°, 21%, 75%
HSV	44°, 13%, 80%
XYZ	53.5076, 56.6220, 50.7568
YIQ	197.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

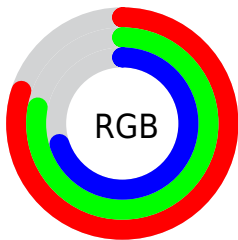
Format	Color
RYB	189, 205, 179
Decimal	13485747
CIELab	79.97, -0.80, 10.38
CIElCh	80, 10.415, 94.381
Yxy	56.6220, 0.3326, 0.3519
Android (android.graphics.Color)	4291675827 (0xFFCDC6B3)
YUV	197.9270, -9.3310, 6.2030
Hunter-Lab	75.2476, -4.7542, 12.6804

Details

The XYZ color **53.5076, 56.6220, 50.7568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1686, 49.1083, 64.7509**, and the grayscale version is **53.6840, 56.4797, 61.5064**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **26.5017, 28.0322, 23.7526** is the 20% darker color. If you saturate the color by 10%, you get **50.3491, 53.3796, 40.2241**, and if you desaturate by 10%, it is **57.0234, 60.0845, 62.9307**.

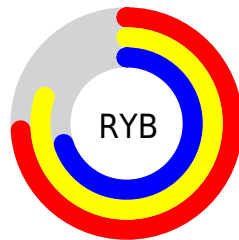
Distribution



Red (80%)

Green (78%)

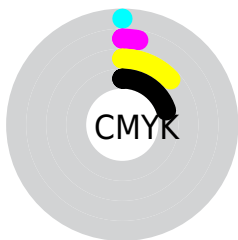
Blue (70%)



Red (74%)

Yellow (80%)

Blue (70%)

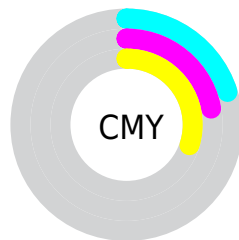


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5076, 56.6220, 50.7568 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 53.5076, 56.6220, 50.7568 by changing the saturation by 10% instead.

■ 53.5076, 56.6220,
50.7568

■ 53.5076, 56.6220,
50.7568

390.4586,
412.0314, 406.4377

■ 38.4372, 40.7018,
35.6397

■ 94.5120, 99.9134,
92.7030

■ 26.5010, 28.0862,
23.8686

121.1768,
128.0535, 120.3692

■ 17.3334, 18.3906,
15.0249

152.4371,
161.0356, 153.0555

■ 10.5693, 11.2308,
8.6900

188.6582,
199.2442, 191.1805

■ 5.8432, 6.2223,
4.4455

230.2056,
243.0637, 235.1626

■ 2.7897, 2.9807,
1.8728

277.4445,

■ 1.0435, 1.1217,

292.8785, 285.4205

0.4753

330.7404,
349.0729, 342.3727

■ 0.0000, 0.0000,
0.0000

■ 53.5076, 56.6220,
50.7568

■ 53.5076, 56.6220,
50.7568

■ 50.3491, 53.3796,
40.2241

■ 57.0234, 60.0845,
62.9307

■ 47.5292, 50.3436,
31.2575

■ 60.9051, 63.7657,
76.8093

■ 45.0345, 47.5095,
23.7812

■ 65.1666, 67.6739,
92.4571

■ 42.8486, 44.8700,
17.7120

■ 68.8383, 71.4218,
104.7654

■ 40.9537, 42.4173,
12.9580

■ 70.3106, 74.3664,
105.2561

39.3297, 40.1424,
9.4169

71.8312, 77.4075,
105.7630

37.9538, 38.0355,
6.9706

73.4004, 80.5459,
106.2860

36.7987, 36.0846,
5.4775

75.0187, 83.7825,
106.8255

36.0581, 34.7413,
4.8053

76.6865, 87.1181,
107.3814

Harmonies

Analogous

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



55.5944, 56.6220, 51.7386



53.5076, 56.6220, 50.7568



51.5545, 56.6220, 52.5338

Triad

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



53.5076, 56.6220, 50.7568



50.5318, 56.6220, 68.4624



57.5668, 56.6220, 66.8240

Complementary

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



53.5076, 56.6220, 50.7568



47.1686, 49.1083, 64.7509

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.



56.1458, 56.6220, 71.7679



53.5076, 56.6220, 50.7568



52.0789, 56.6220, 72.7565

Square

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



53.5076, 56.6220, 50.7568



49.8652, 56.6220, 62.5453



54.1286, 56.6220, 74.0038



57.9734, 56.6220, 60.7667

Rectangle

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



53.5076, 56.6220, 50.7568



50.5801, 56.6220, 55.1168



54.1286, 56.6220, 74.0038



57.1902, 56.6220, 68.6838

Sweetspot

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



53.5091, 56.6245, 50.7580



92.5816, 97.6218, 100.1895



50.1995, 48.7809, 53.4296



19.7193, 20.8008, 21.1050



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.



53.5091, 56.6245, 50.7580



86.2961, 91.3851, 78.5661



53.6192, 59.1102, 51.2320



11.8886, 12.5662, 11.8784



22.5294, 21.7917, 3.0188



1.2228, 1.2454, 0.1759

Inverse Universe

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



47.1686, 49.1083, 64.7509



74.0716, 76.8945, 105.5459



47.0595, 46.9175, 64.3338



10.8432, 11.3269, 14.1852



7.7831, 4.5903, 36.4321



0.4656, 0.3650, 1.9008

Previews

White Background



This preview shows how the XYZ color 53.5076, 56.6220, 50.7568 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 53.5076, 56.6220, 50.7568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

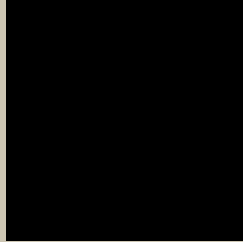
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

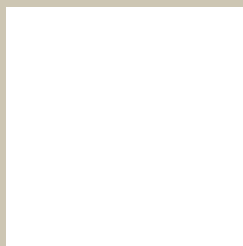
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5076, 56.6220, 50.7568

Background



This preview shows how black text looks on a background with the XYZ color 53.5076, 56.6220, 50.7568.

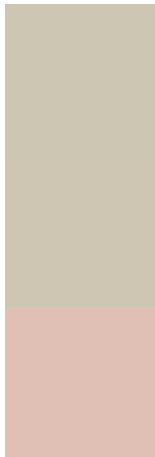


This preview shows how white text looks on a background with the XYZ color 53.5076, 56.6220,

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

53.5076, 56.6220, 50.7568

Protanopia

53.7844, 56.7647, 50.7698

Deuteranopia

57.6095, 56.4042, 51.0308



Tritanopia

57.0949, 56.7423, 68.2647

Trichromacy



Original Color

53.5076, 56.6220, 50.7568

Protanomaly

53.7844, 56.7647, 50.7698

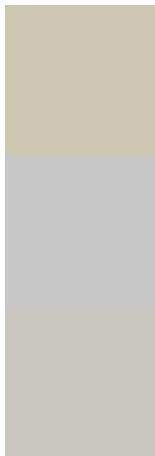
Deuteranomaly

56.1453, 56.6306, 51.1516

Tritanomaly

55.7206, 56.5173, 61.3982

Monochromacy



Original Color

53.5076, 56.6220, 50.7568

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6854, 56.5673, 57.3793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5076, 56.6220, 50.7568 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(205, 198, 179) looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 179)  
}
```

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(205, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.5076, 56.6220, 50.7568 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(205, 198, 179) }
```


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

```
.border{ border-color:rgb(205, 198, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 198, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 198, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 198, 179);  
box-shadow:4px 4px 4px 4px rgb(205, 198,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5076, 56.6220, 50.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 198, 179) }
```

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

```
.background{ background-color: rgb(205,  
198, 179) }
```

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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