

Converting Colors

XYZ(51.1264, 57.4234, 53.1889)

Have a look what the booklet for
XYZ(51.1264, 57.4234, 53.1889)
contains.

XYZ(51.1264, 57.4234, 53.1889)	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(51.1264, 57.4234,
53.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCCB7
RGB	189, 204, 183
RGB Percent	74%, 80%, 72%
CMY	0.2588, 0.2000, 0.2823
CMYK	0.07, 0.00, 0.10, 0.20
HSL	103°, 17%, 76%
HSV	103°, 10%, 80%
XYZ	51.1264, 57.4234, 53.1889
YIQ	197.1210, -2.1990, -9.7110

Conversions

Conversions Part 2

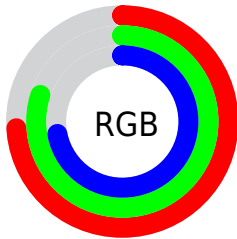
Format	Color
RYB	183, 204, 198
Decimal	12438711
CIELab	80.42, -8.96, 8.72
CIElCh	80, 12.502, 135.752
Yxy	57.4234, 0.3161, 0.3550
Android (android.graphics.Color)	4290628791 (0xFFBDCCB7)
YUV	197.1210, -6.9617, -7.1221
Hunter-Lab	75.7782, -12.1807, 11.4290

Details

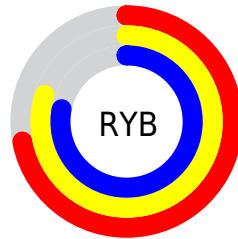
The XYZ color **51.1264, 57.4234, 53.1889** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1234, 50.2339, 64.1312**, and the grayscale version is **53.1870, 55.9569, 60.9370**.

A 20% lighter version of the original color is **88.9962, 97.1645, 95.7254**, and **25.0890, 28.6586, 25.3284** is the 20% darker color. If you saturate the color by 10%, you get **45.7203, 54.8660, 42.6437**, and if you desaturate by 10%, it is **57.2067, 60.2962, 65.3746**.

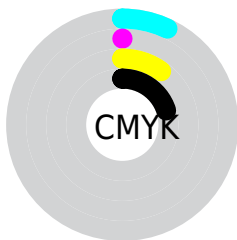
Distribution



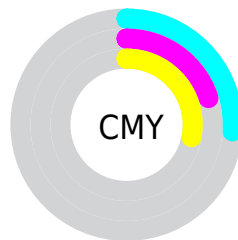
- Red (74%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1264, 57.4234, 53.1889 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 51.1264, 57.4234, 53.1889 by changing the saturation by 10% instead.

■ 51.1264, 57.4234,
53.1889

■ 51.1264, 57.4234,
53.1889

381.4343,
415.0340, 416.0963

■ 36.5307, 41.3453,
37.5648

■ 91.0235, 101.0827,
96.3266

■ 25.0163, 28.5890,
25.3459

117.0555,
129.4327, 124.6774

■ 16.2180, 18.7701,
16.1136

147.6304,
162.6421, 158.1074

■ 9.7704, 11.5043,
9.4493

183.1134,
201.0953, 197.0354

■ 5.3081, 6.4071,
4.9346

223.8699,
245.1767, 241.8796

■ 2.4657, 3.0942,
2.1509

270.2653,

■ 0.8780, 1.1811,

295.2706, 293.0589

0.6458

322.6650,
351.7616, 350.9916

■ 0.0000, 0.0462,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.1264, 57.4234,
53.1889

■ 51.1264, 57.4234,
53.1889

■ 45.7203, 54.8660,
42.6437

■ 57.2067, 60.2962,
65.3746

■ 40.9599, 52.6057,
33.6653

■ 63.9791, 63.4871,
79.2628

■ 36.8215, 50.6336,
26.1801

■ 71.4667, 67.0084,
94.9168

■ 33.2778, 48.9376,
20.1068

■ 78.1049, 70.2353,
104.0479

■ 30.2999, 47.5044,
15.3567

■ 80.8840, 71.6679,
104.1780

■ 27.8558, 46.3200,
11.8309

■ 25.9101, 45.3683,
9.4166

■ 24.4223, 44.6316,
7.9800

■ 23.3550, 44.0958,
7.2804

Harmonies

Analogous

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



53.2529, 57.4234, 49.9067



51.1264, 57.4234, 53.1889



49.9430, 57.4234, 59.1164

Triad

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



51.1264, 57.4234, 53.1889



53.3759, 57.4234, 77.2176



59.4583, 57.4234, 58.7724

Complementary

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



51.1264, 57.4234, 53.1889



51.1234, 50.2339, 64.1312

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.



59.4938, 57.4234, 66.0608



51.1264, 57.4234, 53.1889



55.9273, 57.4234, 77.1073

Square

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



51.1264, 57.4234, 53.1889



51.2140, 57.4234, 73.1832



58.1841, 57.4234, 72.8928



58.0887, 57.4234, 52.9541

Rectangle

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



51.1264, 57.4234, 53.1889



49.8237, 57.4234, 63.9488



58.1841, 57.4234, 72.8928



59.6281, 57.4234, 61.1211

Sweetspot

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



51.1280, 57.4259, 53.1902



91.8606, 98.4953, 102.4491



53.5769, 56.5098, 52.8843



19.4833, 20.9977, 21.5687



0.0000, 0.0000, 0.0000



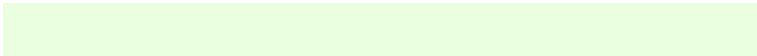
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1280, 57.4259, 53.1902



82.9193, 94.2710, 84.6316



50.1141, 56.8519, 55.4595



11.3640, 12.6896, 11.9298



14.7793, 27.7943, 4.5859



0.8382, 1.4729, 0.2401

Inverse Universe

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



51.1234, 50.2339, 64.1312



82.9101, 80.3862, 105.7540



52.2393, 50.8666, 61.5885



11.3631, 11.2365, 14.1403



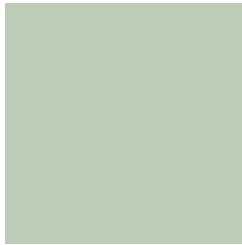
14.3858, 6.6237, 36.4766



0.8145, 0.3790, 1.8852

Previews

White Background



This preview shows how the XYZ color 51.1264, 57.4234, 53.1889 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 51.1264, 57.4234, 53.1889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

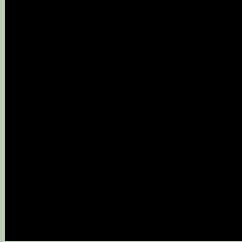
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

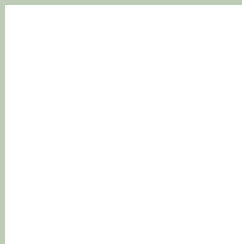
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1264, 57.4234, 53.1889

Background



This preview shows how black text looks on a background with the XYZ color 51.1264, 57.4234, 53.1889.



This preview shows how white text looks on a background with the XYZ color 51.1264, 57.4234,

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

51.1264, 57.4234, 53.1889

Protanopia

54.3938, 57.4075, 51.3939

Deuteranopia

58.3471, 57.0493, 53.8353



Tritanopia

54.9373, 57.2225, 72.4395

Trichromacy



Original Color

51.1264, 57.4234, 53.1889

Protanomaly

53.0466, 57.3888, 51.9974

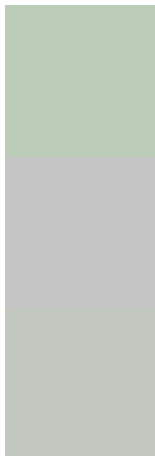
Deuteranomaly

55.2556, 56.7894, 53.3966

Tritanomaly

53.4044, 57.2916, 64.7436

Monochromacy



Original Color

51.1264, 57.4234, 53.1889

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4168, 56.5837, 58.0282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1264, 57.4234, 53.1889 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(189, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 204, 183)  
}
```

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(189, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 204, 183) }
```

Border

The CSS property to change the border of an element to XYZ 51.1264, 57.4234, 53.1889 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(189, 204, 183) }
```


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

```
.border{ border-color:rgb(189, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 204,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1264, 57.4234, 53.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 204, 183) }
```

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

```
.background{ background-color: rgb(189,  
204, 183) }
```

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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