

Converting Colors

XYZ(53.5237, 53.1320, 59.5305)

Have a look what the booklet for
XYZ(53.5237, 53.1320, 59.5305)
contains.

XYZ(53.6792, 53.2174, 59.6673)	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(53.6792, 53.2174,
59.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBCC4
RGB	207, 188, 196
RGB Percent	81%, 74%, 77%
CMY	0.1882, 0.2627, 0.2314
CMYK	0.00, 0.09, 0.05, 0.19
HSL	335°, 17%, 77%
HSV	335°, 9%, 81%
XYZ	53.6792, 53.2174, 59.6673
YIQ	194.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

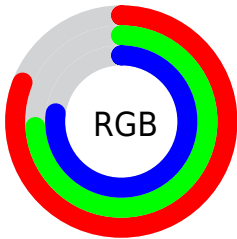
Format	Color
R _Y B	207, 188, 196
Decimal	13614276
CIE Lab	78.00, 8.11, -1.59
CIE LCh	78, 8.262, 348.902
Yxy	53.2174, 0.3223, 0.3195
Android (android.graphics.Color)	4291804356 (0xFFCFBCC4)
YUV	194.5930, 0.6937, 10.8809
Hunter-Lab	72.9503, 3.6832, 2.5708

Details

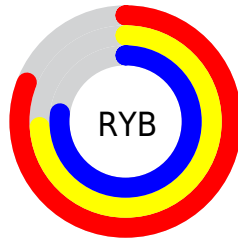
The XYZ color **53.6792, 53.2174, 59.6673** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3628, 59.4420, 62.6968**, and the grayscale version is **51.6234, 54.3118, 59.1456**.

A 20% lighter version of the original color is **91.3203, 93.0532, 106.0765**, and **26.6833, 26.0532, 29.2136** is the 20% darker color. If you saturate the color by 10%, you get **48.2604, 44.4761, 51.3966**, and if you desaturate by 10%, it is **59.8443, 63.2754, 68.7259**.

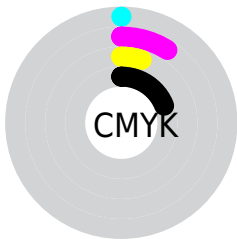
Distribution



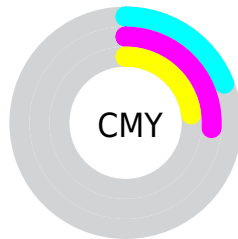
- Red (81%)
- Green (74%)
- Blue (77%)



- Red (81%)
- Yellow (74%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (19%)





- Cyan (19%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6792, 53.2174, 59.6673 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 53.6792, 53.2174, 59.6673 by changing the saturation by 10% instead.


 53.6792, 53.2174,
59.6673

 53.6792, 53.2174,
59.6673

391.1039,
399.1186, 441.1409

 38.5749, 37.9763,
42.7270


 94.7627, 94.9242,
105.8855

 26.6084, 25.9643,
29.3411


121.4726,
122.1587, 136.0005

 17.4144, 16.7970,
19.0912

152.7818,
154.1599, 171.3442

 10.6275, 10.0898,
11.5588

189.0556,
191.3120, 212.3350

 5.8824, 5.4586,
6.3251

230.6593,
233.9996, 259.3915

 2.8137, 2.5187,
2.9718

277.9584,

 1.0560, 0.8860,

282.6069, 312.9323

1.0802

331.3181,
337.5185, 373.3760

■ 0.0000, 0.0000,
0.0000

■ 53.6792, 53.2174,
59.6673

■ 53.6792, 53.2174,
59.6673

■ 48.2604, 44.4761,
51.3966

■ 59.8443, 63.2754,
68.7259

■ 43.5539, 36.9899,
43.8880

■ 66.7790, 74.6947,
78.5904

■ 39.5299, 30.7024,
37.1193

■ 74.5108, 87.5263,
89.2822

■ 36.1545, 25.5503,
31.0658

■ 77.8137, 91.3141,
99.0706

■ 33.3909, 21.4643,
25.7010

■ 79.5425, 92.0056,
108.1743

■ 31.1981, 18.3676,
20.9967

■ 29.5301, 16.1729,
16.9221

■ 28.3327, 14.7772,
13.4430

■ 27.5175, 14.0092,
10.5126

Harmonies

Analogous

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



52.9494, 53.2174, 63.9675



53.6792, 53.2174, 59.6673



53.5659, 53.2174, 55.1210

Triad

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



53.6792, 53.2174, 59.6673



49.5857, 53.2174, 49.9585



48.5746, 53.2174, 64.8829

Complementary

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



53.6792, 53.2174, 59.6673



53.3628, 59.4420, 62.6968

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.



47.7102, 53.2174, 60.8632



53.6792, 53.2174, 59.6673



48.2853, 53.2174, 52.3123

Square

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



53.6792, 53.2174, 59.6673



51.1795, 53.2174, 49.6762



47.6054, 53.2174, 56.2556



49.9883, 53.2174, 67.0833

Rectangle

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



53.6792, 53.2174, 59.6673



53.0280, 53.2174, 52.5557



47.6054, 53.2174, 56.2556



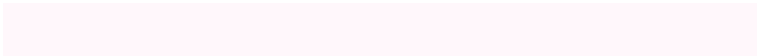
48.2115, 53.2174, 63.6900

Sweetspot

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



53.6807, 53.2197, 59.6684



91.9528, 94.9338, 104.3896



52.7390, 52.5842, 66.4024



19.5086, 20.0371, 22.0899



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.



53.6807, 53.2197, 59.6684



84.2396, 82.3885, 92.9362



53.0662, 53.4087, 55.0918



12.0122, 11.8896, 13.3402



17.3447, 8.8107, 6.7215



1.0090, 0.5083, 0.5824

Inverse Universe

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



53.6807, 53.2197, 59.6684



84.2396, 82.3885, 92.9362



54.0104, 59.2121, 67.6147



12.0122, 11.8896, 13.3402



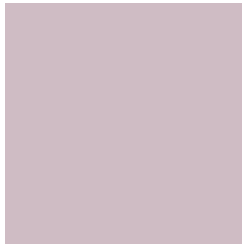
17.3447, 8.8107, 6.7215



1.0090, 0.5083, 0.5824

Previews

White Background



This preview shows how the XYZ color 53.6792, 53.2174, 59.6673 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 53.6792, 53.2174, 59.6673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

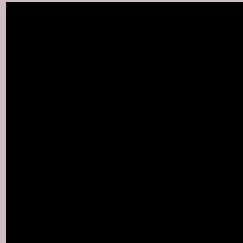
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6792, 53.2174, 59.6673

Background



This preview shows how black text looks on a background with the XYZ color 53.6792, 53.2174, 59.6673.



This preview shows how white text looks on a background with the XYZ color 53.6792, 53.2174,

59.6673.

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

53.6792, 53.2174, 59.6673

Protanopia

51.5484, 53.3786, 61.0123

Deuteranopia

54.3125, 53.2278, 59.6360



Tritanopia

54.4434, 53.2148, 63.2791

Trichromacy



Original Color

53.6792, 53.2174, 59.6673

Protanomaly

52.2620, 53.4349, 60.3828

Deuteranomaly

54.0286, 53.0815, 59.6227

Tritanomaly

54.2081, 53.1207, 62.0398

Monochromacy



Original Color

53.6792, 53.2174, 59.6673

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.2532, 53.7815, 59.2566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6792, 53.2174, 59.6673 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(207, 188, 196) looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 196)  
}
```

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(207, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.6792, 53.2174, 59.6673 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(207, 188, 196) }
```


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

```
.border{ border-color:rgb(207, 188, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6792, 53.2174, 59.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 196) }
```

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

```
.background{ background-color: rgb(207,  
188, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor