

Converting Colors

XYZ(52.9564, 53.7697, 54.4856)

Have a look what the booklet for
XYZ(52.9564, 53.7697, 54.4856)
contains.

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Color

**XYZ(53.0540, 53.9713,
54.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBFBB
RGB	206, 191, 187
RGB Percent	81%, 75%, 73%
CMY	0.1922, 0.2510, 0.2667
CMYK	0.00, 0.07, 0.09, 0.19
HSL	13°, 16%, 77%
HSV	13°, 9%, 81%
XYZ	53.0540, 53.9713, 54.6350
YIQ	195.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

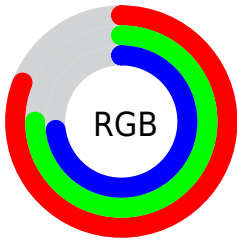
Format	Color
R _Y B	206, 192, 187
Decimal	13549499
CIE Lab	78.44, 4.59, 3.91
CIE LCh	78, 6.031, 40.396
Yxy	53.9713, 0.3282, 0.3339
Android (android.graphics.Color)	4291739579 (0xFFCEBFBB)
YUV	195.0290, -3.9583, 9.6216
Hunter-Lab	73.4652, 0.3425, 7.3325

Details

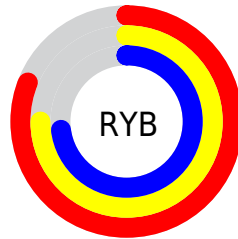
The XYZ color **53.0540, 53.9713, 54.6350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7543, 57.2609, 66.6649**, and the grayscale version is **51.9089, 54.6122, 59.4727**.

A 20% lighter version of the original color is **90.6784, 94.2526, 98.2073**, and **26.3404, 26.5736, 26.2952** is the 20% darker color. If you saturate the color by 10%, you get **47.6542, 46.4510, 42.7240**, and if you desaturate by 10%, it is **59.1668, 62.4101, 68.3457**.

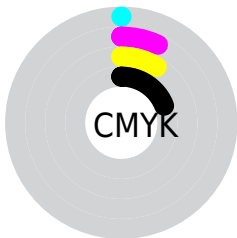
Distribution



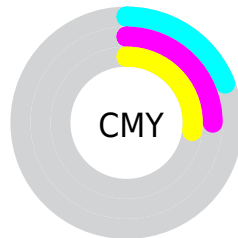
- Red (81%)
- Green (75%)
- Blue (73%)



- Red (81%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0540, 53.9713, 54.6350 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 53.0540, 53.9713, 54.6350 by changing the saturation by 10% instead.

■ 53.0540, 53.9713,
54.6350

■ 53.0540, 53.9713,
54.6350

388.7497,
402.0006, 421.7697

■ 38.0735, 38.5787,
38.7129

■ 93.8489, 96.0321,
98.4717

■ 26.2172, 26.4322,
26.2304

120.3940,
123.4691, 127.2235

■ 17.1198, 17.1472,
16.7688

151.5247,
155.6897, 161.0889

■ 10.4157, 10.3395,
9.9095

187.6064,
193.0783, 200.4866

■ 5.7398, 5.6246,
5.2342

229.0044,
236.0193, 245.8349

■ 2.7267, 2.6182,
2.3242

276.0840,

■ 1.0109, 0.9358,

284.8971, 297.5525

0.7447

329.2107,
340.0960, 356.0580

■ 0.0000, 0.0000,
0.0000

■ 53.0540, 53.9713,
54.6350

■ 53.0540, 53.9713,
54.6350

■ 47.6542, 46.4510,
42.7240

■ 59.1668, 62.4101,
68.3457

■ 42.9368, 39.8113,
32.5345

■ 66.0131, 71.7899,
83.9232

■ 38.8753, 34.0217,
23.9874

■ 73.6177, 82.1411,
101.4352

■ 35.4400, 29.0474,
16.9962

■ 79.2638, 91.8619,
108.1612

■ 32.5988, 24.8514,
11.4664

■ 30.3163, 21.3934,
7.2931

■ 28.5535, 18.6295,
4.3573

■ 27.2657, 16.5110,
2.5191

■ 26.3885, 14.9774,
1.5461

Harmonies

Analogous

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



53.5733, 53.9713, 57.5952



53.0540, 53.9713, 54.6350



52.0668, 53.9713, 52.8270

Triad

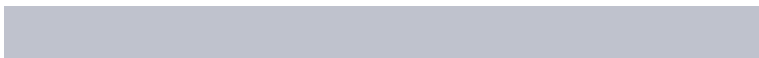
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0540, 53.9713, 54.6350



49.1803, 53.9713, 56.6021



51.7106, 53.9713, 65.4243

Complementary

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



53.0540, 53.9713, 54.6350



52.7543, 57.2609, 66.6649

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.



50.5370, 53.9713, 65.1333



53.0540, 53.9713, 54.6350



49.0883, 53.9713, 59.9517

Square

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



53.0540, 53.9713, 54.6350



49.8348, 53.9713, 53.9320



49.5814, 53.9713, 63.0993



52.7898, 53.9713, 63.8796

Rectangle

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



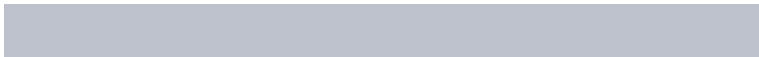
53.0540, 53.9713, 54.6350



51.2823, 53.9713, 52.4754



49.5814, 53.9713, 63.0993



51.3139, 53.9713, 65.5393

Sweetspot

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



53.0555, 53.9737, 54.6362



91.9465, 95.7250, 101.9098



53.9089, 52.9370, 63.3784



19.5067, 20.2496, 21.4230



0.0000, 0.0000, 0.0000



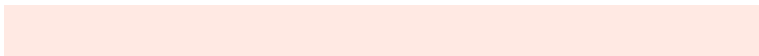
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0555, 53.9737, 54.6362



84.1978, 85.0024, 84.6063



55.1476, 58.1579, 55.3335



11.4007, 11.5904, 11.7157



16.2725, 9.2779, 0.9332



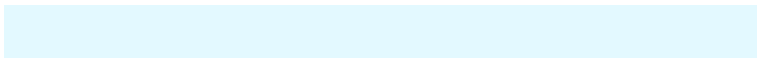
0.8961, 0.5918, 0.0670

Inverse Universe

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



52.7543, 57.2609, 66.6649



83.6160, 91.3492, 107.8329



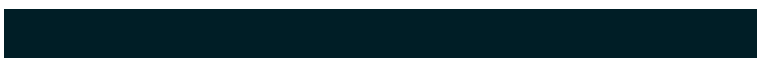
50.6385, 53.0292, 65.9597



11.3348, 12.3100, 14.3490



14.9524, 18.9287, 38.8218



0.8230, 1.0797, 2.0200

Previews

White Background



This preview shows how the XYZ color 53.0540, 53.9713, 54.6350 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 53.0540, 53.9713, 54.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

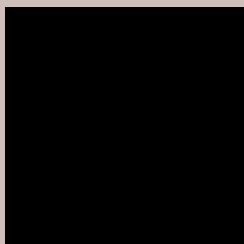
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

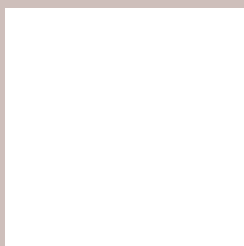
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0540, 53.9713, 54.6350

Background



This preview shows how black text looks on a background with the XYZ color 53.0540, 53.9713, 54.6350.



This preview shows how white text looks on a background with the XYZ color 53.0540, 53.9713,

54.6350.

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

53.0540, 53.9713, 54.6350

Protanopia

51.7003, 53.9129, 55.2583

Deuteranopia

55.0847, 54.0444, 55.1053



Tritanopia

54.9895, 54.1169, 64.0473

Trichromacy



Original Color

53.0540, 53.9713, 54.6350

Protanomaly

52.2839, 53.8867, 55.2225

Deuteranomaly

54.4261, 54.0231, 55.1359

Tritanomaly

54.2236, 54.1235, 60.4123

Monochromacy



Original Color

53.0540, 53.9713, 54.6350

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3594, 54.5315, 57.6352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0540, 53.9713, 54.6350 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(206, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 187)  
}
```

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(206, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 187) }
```

Border

The CSS property to change the border of an element to XYZ 53.0540, 53.9713, 54.6350 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(206, 191, 187) }
```


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

```
.border{ border-color:rgb(206, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(206, 191,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0540, 53.9713, 54.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 191, 187) }
```

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

```
.background{ background-color: rgb(206,  
191, 187) }
```

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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