

Converting Colors

XYZ(54.5535, 53.9779, 64.9810)

Have a look what the booklet for
XYZ(54.5535, 53.9779, 64.9810)
contains.

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Color

**XYZ(54.5503, 53.8766,
64.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBDCC
RGB	206, 189, 204
RGB Percent	81%, 74%, 80%
CMY	0.1922, 0.2588, 0.2000
CMYK	0.00, 0.08, 0.01, 0.19
HSL	307°, 15%, 77%
HSV	307°, 8%, 81%
XYZ	54.5503, 53.8766, 64.6509
YIQ	195.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

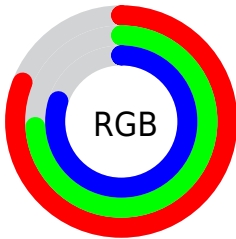
Format	Color
R _Y B	206, 189, 204
Decimal	13549004
CIE Lab	78.39, 8.67, -5.36
CIE LCh	78, 10.189, 328.265
Yxy	53.8766, 0.3152, 0.3113
Android (android.graphics.Color)	4291739084 (0xFFCEBDCC)
YUV	195.7930, 4.0461, 8.9515
Hunter-Lab	73.4007, 4.2074, -0.8418

Details

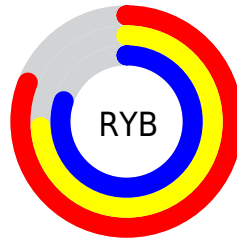
The XYZ color **54.5503, 53.8766, 64.6509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4636, 58.7245, 57.8628**, and the grayscale version is **52.3209, 55.0457, 59.9448**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **27.2581, 26.4857, 32.5298** is the 20% darker color. If you saturate the color by 10%, you get **50.1421, 45.5212, 61.7587**, and if you desaturate by 10%, it is **59.5955, 63.4973, 67.7791**.

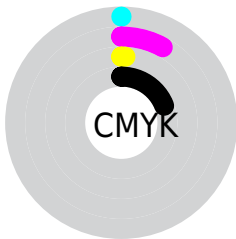
Distribution



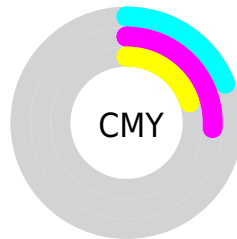
- Red (81%)
- Green (74%)
- Blue (80%)



- Red (81%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5503, 53.8766, 64.6509 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 54.5503, 53.8766, 64.6509 by changing the saturation by 10% instead.

■ 54.5503, 53.8766,
64.6509

■ 54.5503, 53.8766,
64.6509

394.3692,
401.6393, 459.8082

■ 39.2742, 38.5030,
46.7285

■ 96.0339, 95.8930,
113.1563

■ 27.1548, 26.3733,
32.4683

122.9722,
123.3047, 144.5763

■ 17.8267, 17.1031,
21.4517

154.5285,
155.4978, 181.3327

■ 10.9246, 10.3081,
13.2601

191.0683,
192.8568, 223.8440

■ 6.0831, 5.6037,
7.4751

232.9570,
235.7660, 272.5286

■ 2.9368, 2.6056,
3.6780

280.5597,

■ 1.1204, 0.9295,

284.6099, 327.8051

1.4504

334.2420,
339.7729, 390.0922

■ 0.0421, 0.0000,
0.1806

■ 0.0000, 0.0000,
0.0000

■ 54.5503, 53.8766,
64.6509

■ 54.5503, 53.8766,
64.6509

■ 50.1421, 45.5212,
61.7587

■ 59.5955, 63.4973,
67.7791

■ 46.3398, 38.3712,
59.0900

■ 65.2979, 74.4258,
71.1481

■ 43.1168, 32.3724,
56.6365

■ 71.6826, 86.7116,
74.7671

■ 40.4424, 27.4638,
54.3880

■ 73.3131, 89.4816,
76.8240

38.2833, 23.5787,
52.3332

73.6245, 89.6062,
78.4639

36.6025, 20.6431,
50.4596

73.9405, 89.7326,
80.1282

35.3580, 18.5731,
48.7531

74.2612, 89.8609,
81.8170

34.5005, 17.2700,
47.1973

74.5866, 89.9911,
83.5303

33.9556, 16.5853,
45.7672

74.9166, 90.1231,
85.2682

Harmonies

Analogous

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



53.0516, 53.8766, 68.9119



54.5503, 53.8766, 64.6509



55.1506, 53.8766, 58.9967

Triad

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



54.5503, 53.8766, 64.6509



51.3247, 53.8766, 48.3242



47.8938, 53.8766, 64.0363

Complementary

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



54.5503, 53.8766, 64.6509



52.4636, 58.7245, 57.8628

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.



47.4581, 53.8766, 58.3295



54.5503, 53.8766, 64.6509



49.4078, 53.8766, 49.4833

Square

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



54.5503, 53.8766, 64.6509



53.2585, 53.8766, 49.7817



48.0053, 53.8766, 53.0557



49.2110, 53.8766, 68.5411

Rectangle

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



54.5503, 53.8766, 64.6509



54.9491, 53.8766, 55.2766



48.0053, 53.8766, 53.0557



47.6409, 53.8766, 62.1839

Sweetspot

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



54.5519, 53.8789, 64.6521



93.3481, 96.7505, 107.8567



50.8221, 51.9283, 65.7380



19.9982, 20.7426, 23.0968



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.



54.5519, 53.8789, 64.6521



86.9684, 84.6040, 103.8413



53.5619, 53.4829, 59.4389



11.6285, 11.3801, 13.8442



20.8809, 10.1630, 28.1552



1.0937, 0.5309, 1.5393

Inverse Universe

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



54.5519, 53.8789, 64.6521



86.9684, 84.6040, 103.8413



53.4244, 59.1089, 62.9226



11.6285, 11.3801, 13.8442



20.8809, 10.1630, 28.1552



1.0937, 0.5309, 1.5393

Previews

White Background



This preview shows how the XYZ color 54.5503, 53.8766, 64.6509 looks on a white background.

Color Contrast Check

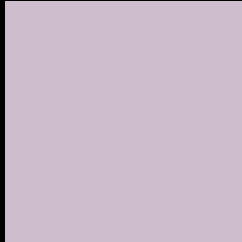
Large Text (above 18pt) WCAG AA × Fail

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 54.5503, 53.8766, 64.6509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

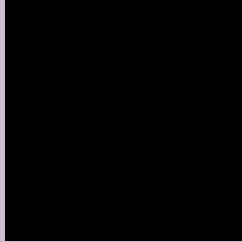
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5503, 53.8766, 64.6509

Background



This preview shows how black text looks on a background with the XYZ color 54.5503, 53.8766, 64.6509.

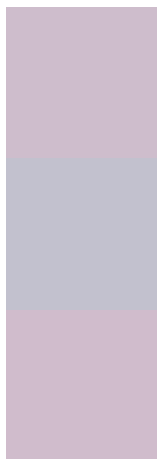


This preview shows how white text looks on a background with the XYZ color 54.5503, 53.8766,

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

54.5503, 53.8766, 64.6509

Protanopia

52.4587, 54.0655, 66.0633

Deuteranopia

54.8947, 53.7360, 64.6056



Tritanopia

54.5503, 53.8766, 64.6509

Trichromacy



Original Color

54.5503, 53.8766, 64.6509

Protanomaly

53.1578, 54.1128, 65.4007

Deuteranomaly

54.6144, 53.5915, 64.5924

Tritanomaly

54.5503, 53.8766, 64.6509

Monochromacy



Original Color

54.5503, 53.8766, 64.6509

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1982, 54.5428, 61.7568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5503, 53.8766, 64.6509 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, 189, 204)` looks like.

```
.text, #text, p{  
    color:rgb(206, 189, 204)  
}
```

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, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 189, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.5503, 53.8766, 64.6509 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, 189, 204) }
```


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

```
.border{ border-color:rgb(206, 189, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 189, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(206, 189,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5503, 53.8766, 64.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 189, 204) }
```

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

```
.background{ background-color: rgb(206,  
189, 204) }
```

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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