

Converting Colors

XYZ(53.2138, 58.3723, 44.3883)

Have a look what the booklet for
XYZ(53.2138, 58.3723, 44.3883)
contains.

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Color

**XYZ(53.1407, 58.3024,
44.5291)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCBA6
RGB	204, 203, 166
RGB Percent	80%, 80%, 65%
CMY	0.2000, 0.2039, 0.3490
CMYK	0.00, 0.00, 0.19, 0.20
HSL	58°, 27%, 73%
HSV	58°, 19%, 80%
XYZ	53.1407, 58.3024, 44.5291
YIQ	199.0810, 12.4730, -11.2950

Conversions

Conversions Part 2

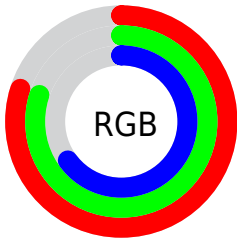
Format	Color
RYB	167, 204, 166
Decimal	13421478
CIELab	80.91, -5.79, 18.63
CIELCh	81, 19.507, 107.278
Yxy	58.3024, 0.3407, 0.3738
Android (android.graphics.Color)	4291611558 (0xFFCCCCBA6)
YUV	199.0810, -16.3089, 4.3140
Hunter-Lab	76.3560, -9.3942, 18.8726

Details

The XYZ color **53.1407, 58.3024, 44.5291** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4436, 40.1032, 62.7362**, and the grayscale version is **54.4283, 57.2628, 62.3592**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **26.3624, 29.1938, 20.1651** is the 20% darker color. If you saturate the color by 10%, you get **51.2905, 57.3627, 35.4008**, and if you desaturate by 10%, it is **55.2913, 59.3669, 55.2235**.

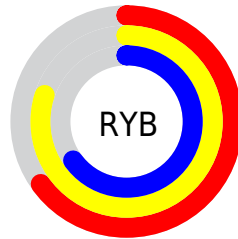
Distribution



Red (80%)

Green (80%)

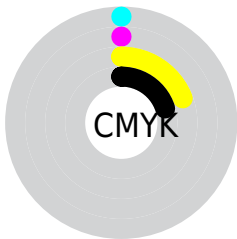
Blue (65%)



Red (65%)

Yellow (80%)

Blue (65%)

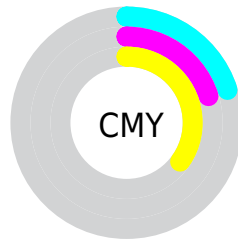


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (20%)



Cyan (20%)


Magenta (20%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1407, 58.3024, 44.5291 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 53.1407, 58.3024, 44.5291 by changing the saturation by 10% instead.


 53.1407, 58.3024,
44.5291


 53.1407, 58.3024,
44.5291


389.0767,
418.3118, 380.9674

 38.1430, 42.0518,
30.7464


 93.9757, 102.3631,
83.3243

 26.2714, 29.1419,
20.1490

 120.5437,
130.9420, 109.1739

 17.1606, 19.1882,
12.3182


151.6992,
164.3991, 139.8828

 10.4450, 11.8063,
6.8356

187.8076,
203.1188, 175.8697

 5.7595, 6.6119,
3.2826

229.2342,
247.4856, 217.5531

 2.7387, 3.2206,
1.2407

276.3443,

 1.0171, 1.2480,

297.8837, 265.3515

0.0124

329.5034,
354.6977, 319.6834

■ 0.0000, 0.1004,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1407, 58.3024,
44.5291

■ 53.1407, 58.3024,
44.5291

■ 51.2905, 57.3627,
35.4008

■ 55.2913, 59.3669,
55.2235

■ 49.7222, 56.5345,
27.7613

■ 57.7507, 60.5536,
67.5488

■ 48.4221, 55.8142,
21.5323

■ 60.5328, 61.8701,
81.5710

■ 47.3738, 55.1954,
16.6271

■ 63.6490, 63.3210,
97.3511

46.5590, 54.6707,
12.9493

64.9456, 64.0447,
103.5466

45.9569, 54.2317,
10.3894

65.0742, 64.3020,
103.5895

45.5430, 53.8687,
8.8186

65.2033, 64.5601,
103.6325

45.2787, 53.5663,
8.0333

65.3328, 64.8190,
103.6757

45.2465, 53.5265,
7.9469

65.4627, 65.0789,
103.7190

Harmonies

Analogous

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



57.1421, 58.3024, 44.1690



53.1407, 58.3024, 44.5291



49.9046, 58.3024, 49.5598

Triad

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



53.1407, 58.3024, 44.5291



50.3126, 58.3024, 81.2571



63.3380, 58.3024, 68.5051

Complementary

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



53.1407, 58.3024, 44.5291



40.4436, 40.1032, 62.7362

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.



61.3162, 58.3024, 79.7928



53.1407, 58.3024, 44.5291



53.7224, 58.3024, 87.7338

Square

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



53.1407, 58.3024, 44.5291



48.3270, 58.3024, 70.3167



57.7526, 58.3024, 87.1675



63.1635, 58.3024, 57.1041

Rectangle

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



53.1407, 58.3024, 44.5291



48.5576, 58.3024, 55.2744



57.7526, 58.3024, 87.1675



62.8887, 58.3024, 72.4630

Sweetspot

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



53.1422, 58.3050, 44.5303



92.5559, 98.7980, 96.3963



45.5384, 42.9105, 42.5719



19.7552, 21.1198, 20.3546



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.



53.1422, 58.3050, 44.5303



86.8302, 95.9648, 67.9186



48.7909, 56.4119, 44.3943



12.1277, 13.0443, 11.9580



28.4898, 33.7126, 5.0056



1.4779, 1.7555, 0.2609

Inverse Universe

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



40.4436, 40.1032, 62.7362



62.3166, 60.8284, 103.0644



44.2393, 41.7903, 62.8618



10.6249, 10.8903, 14.1124



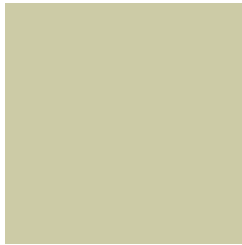
6.9071, 2.8383, 36.1401



0.3648, 0.1633, 1.8672

Previews

White Background



This preview shows how the XYZ color 53.1407, 58.3024, 44.5291 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 53.1407, 58.3024, 44.5291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

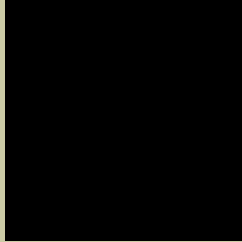
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

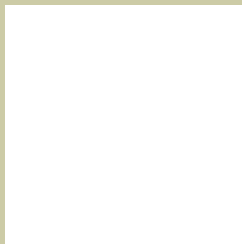
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1407, 58.3024, 44.5291

Background



This preview shows how black text looks on a background with the XYZ color 53.1407, 58.3024, 44.5291.



This preview shows how white text looks on a background with the XYZ color 53.1407, 58.3024,

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

53.1407, 58.3024, 44.5291

Protanopia

54.5972, 58.0222, 43.9191

Deuteranopia

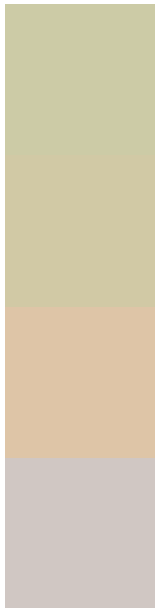
59.4166, 58.1229, 45.1330



Tritanopia

58.4283, 58.3876, 70.4778

Trichromacy



Original Color

53.1407, 58.3024, 44.5291

Protanomaly

53.9727, 58.0452, 43.9565

Deuteranomaly

57.0655, 58.2521, 44.7953

Tritanomaly

56.2862, 58.1969, 59.8963

Monochromacy



Original Color

53.1407, 58.3024, 44.5291

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7113, 57.3139, 55.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1407, 58.3024, 44.5291 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(204, 203, 166) looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 166)  
}
```

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(204, 203, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.1407, 58.3024, 44.5291 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(204, 203, 166) }
```


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

```
.border{ border-color:rgb(204, 203, 166) }
```

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

Here you see how a box with a 4 pixel rgb(204, 203, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 166);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1407, 58.3024, 44.5291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 166) }
```

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

```
.background{ background-color: rgb(204,  
203, 166) }
```

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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