

Converting Colors

XYZ(58.2477, 53.2120, 40.5219)

Have a look what the booklet for
XYZ(58.2477, 53.2120, 40.5219)
contains.

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Color

**XYZ(58.4004, 53.3035,
40.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B3A0
RGB	240, 179, 160
RGB Percent	94%, 70%, 63%
CMY	0.0588, 0.2980, 0.3725
CMYK	0.00, 0.25, 0.33, 0.06
HSL	14°, 73%, 78%
HSV	14°, 33%, 94%
XYZ	58.4004, 53.3035, 40.4683
YIQ	195.0730, 42.4550, 7.0230

Conversions

Conversions Part 2

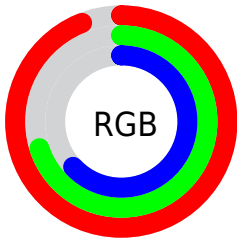
Format	Color
R _Y B	240, 185, 160
Decimal	15774624
CIE Lab	78.05, 19.67, 18.37
CIE LCh	78, 26.909, 43.039
Yxy	53.3035, 0.3838, 0.3503
Android (android.graphics.Color)	4293964704 (0xFFFF0B3A0)
YUV	195.0730, -17.2910, 39.4010
Hunter-Lab	73.0092, 15.0167, 18.2426

Details

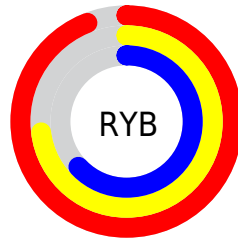
The XYZ color **58.4004, 53.3035, 40.4683** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.0809, 65.4755, 92.1203**, and the grayscale version is **51.9985, 54.7065, 59.5754**.

A 20% lighter version of the original color is **83.2141, 85.5830, 76.4233**, and **29.4590, 25.9495, 17.6435** is the 20% darker color. If you saturate the color by 10%, you get **53.0730, 45.6905, 29.3150**, and if you desaturate by 10%, it is **64.6226, 62.0570, 53.9204**.

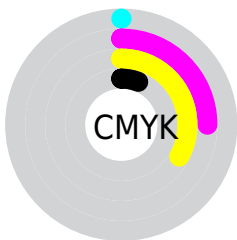
Distribution



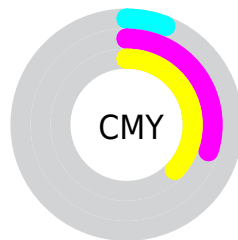
- Red (94%)
- Green (70%)
- Blue (63%)



- Red (94%)
- Yellow (73%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (6%)




- Cyan (6%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4004, 53.3035, 40.4683 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 58.4004, 53.3035, 40.4683 by changing the saturation by 10% instead.

 58.4004, 53.3035,
40.4683


 58.4004, 53.3035,
40.4683

408.6061,
399.4484, 363.7041

 42.3751, 38.0451,
27.5873


 101.6253, 95.0508,
77.1210

 29.5875, 26.0177,
17.7785


 129.5557,
122.3085, 101.7297

 19.6722, 16.8369,
10.6233


162.1852,
154.3348, 131.0848

 12.2639, 10.1183,
5.7031

199.8790,
191.5140, 165.6048

 6.9971, 5.4774,
2.5996

243.0027,
234.2306, 205.7081

 3.5066, 2.5300,
0.8922

291.9216,

 1.4270, 0.8916,

282.8690, 251.8134

0.0000

347.0009,
337.8134, 304.3392

■ 0.2753, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4004, 53.3035,
40.4683

■ 58.4004, 53.3035,
40.4683

■ 53.0730, 45.6905,
29.3150

■ 64.6226, 62.0570,
53.9204

■ 48.5939, 39.1631,
20.3277

■ 71.7748, 71.9880,
69.7876

■ 44.9182, 33.6729,
13.3649

■ 79.8957, 83.1412,
88.1819

■ 41.9953, 29.1648,
8.2667

■ 88.8585, 95.4918,
108.3562

■ 39.7681, 25.5783,
4.8487

■ 89.7452, 97.2653,
108.6517

■ 38.1701, 22.8454,
2.8881

■ 37.3990, 21.4530,
2.1697

Harmonies

Analogous

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



61.1409, 53.3035, 51.7608



58.4004, 53.3035, 40.4683



53.6637, 53.3035, 34.5569

Triad

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



58.4004, 53.3035, 40.4683



41.6134, 53.3035, 50.0114



52.9737, 53.3035, 90.9816

Complementary

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



58.4004, 53.3035, 40.4683



56.0809, 65.4755, 92.1203

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.



47.7770, 53.3035, 90.2928



58.4004, 53.3035, 40.4683



41.4569, 53.3035, 64.8042

Square

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



58.4004, 53.3035, 40.4683



44.0852, 53.3035, 39.3788



43.6418, 53.3035, 80.0751



57.8653, 53.3035, 81.8204

Rectangle

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



58.4004, 53.3035, 40.4683



50.1304, 53.3035, 33.7034



43.6418, 53.3035, 80.0751



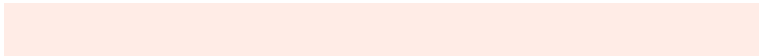
51.2001, 53.3035, 91.9354

Sweetspot

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



58.4018, 53.3060, 40.4694



85.3211, 86.6817, 86.7296



61.6019, 48.9057, 74.8329



17.9892, 18.1775, 17.9482



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.



58.4018, 53.3060, 40.4694



62.7576, 55.0957, 37.4638



67.5252, 71.5529, 43.5105



16.0776, 16.3684, 16.4617



20.5579, 11.9139, 1.2161



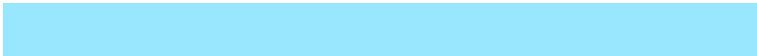
1.7846, 1.1399, 0.1260

Inverse Universe

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



56.0809, 65.4755, 92.1203



59.6981, 71.0147, 105.1685



46.8176, 46.9489, 89.0326



15.9106, 17.2553, 20.2136



17.9855, 22.1953, 48.4641



1.5719, 1.9978, 4.0570

Previews

White Background



This preview shows how the XYZ color 58.4004, 53.3035, 40.4683 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 58.4004, 53.3035, 40.4683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

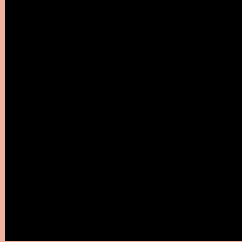
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4004, 53.3035, 40.4683

Background



This preview shows how black text looks on a background with the XYZ color 58.4004, 53.3035, 40.4683.



This preview shows how white text looks on a background with the XYZ color 58.4004, 53.3035,

40.4683.

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

58.4004, 53.3035, 40.4683

Protanopia

50.6736, 53.6265, 44.2394

Deuteranopia

54.5574, 53.4683, 40.2458



Tritanopia

61.3692, 53.3455, 54.6391

Trichromacy



Original Color

58.4004, 53.3035, 40.4683

Protanomaly

53.0030, 53.2457, 42.6059

Deuteranomaly

55.8246, 53.1932, 40.1259

Tritanomaly

60.1792, 53.1423, 49.2052

Monochromacy



Original Color

58.4004, 53.3035, 40.4683

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.5051, 53.6215, 51.7859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4004, 53.3035, 40.4683 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(240, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(240, 179, 160)  
}
```

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(240, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 179, 160) }
```

Border

The CSS property to change the border of an element to XYZ 58.4004, 53.3035, 40.4683 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(240, 179, 160) }
```


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

```
.border{ border-color:rgb(240, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(240, 179,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4004, 53.3035, 40.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 179, 160) }
```

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

```
.background{ background-color: rgb(240,  
179, 160) }
```

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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