

Converting Colors

XYZ(61.6251, 52.7568, 40.6819)

Have a look what the booklet for
XYZ(61.6251, 52.7568, 40.6819)
contains.

XYZ(61.5039, 52.5817, 40.6259)	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(61.5039, 52.5817,
40.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	FDABA1
RGB	253, 171, 161
RGB Percent	99%, 67%, 63%
CMY	0.0078, 0.3294, 0.3686
CMYK	0.00, 0.32, 0.36, 0.01
HSL	7°, 96%, 81%
HSV	7°, 36%, 99%
XYZ	61.5039, 52.5817, 40.6259
YIQ	194.3780, 52.0820, 14.2740

Conversions

Conversions Part 2

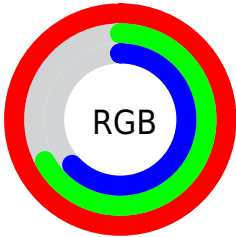
Format	Color
R _Y B	253, 172, 161
Decimal	16624545
CIE Lab	77.63, 28.91, 17.44
CIE LCh	78, 33.761, 31.109
Yxy	52.5817, 0.3975, 0.3399
Android (android.graphics.Color)	4294814625 (0xFFFDABA1)
YUV	194.3780, -16.4554, 51.4115
Hunter-Lab	72.5132, 24.5010, 17.5418

Details

The XYZ color **61.5039, 52.5817, 40.6259** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4767, 78.7669, 104.7336**, and the grayscale version is **51.5762, 54.2622, 59.0916**.

A 20% lighter version of the original color is **81.1038, 81.1560, 76.3558**, and **31.4869, 25.5303, 17.7363** is the 20% darker color. If you saturate the color by 10%, you get **55.5926, 43.9756, 28.7395**, and if you desaturate by 10%, it is **68.5959, 62.8265, 55.1338**.

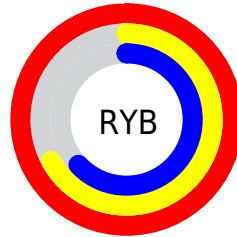
Distribution



Red (99%)

Green (67%)

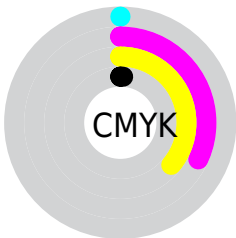
Blue (63%)



Red (99%)

Yellow (67%)

Blue (63%)

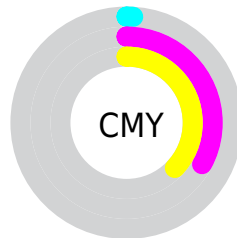


Cyan (0%)

Magenta (32%)

Yellow (36%)

Black (1%)



Cyan (1%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5039, 52.5817, 40.6259 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 61.5039, 52.5817, 40.6259 by changing the saturation by 10% instead.

 61.5039, 52.5817,
40.6259


 61.5039, 52.5817,
40.6259


419.8656,
396.6782, 364.3849

 44.8860, 37.4689,
27.7094

 106.1022, 93.9886,
77.3632

 31.5686, 25.5708,
17.8696


 134.8133,
121.0515, 102.0210

 21.1861, 16.5028,
10.6879

168.2863,
152.8665, 131.4297

 13.3734, 9.8807,
5.7459

206.8864,
189.8181, 166.0078

 7.7649, 5.3199,
2.6249

250.9790,
232.2907, 206.1738

 3.9954, 2.4362,
0.9053

300.9296,

 1.6995, 0.8444,

280.6687, 252.3463

0.0000

357.1033,
335.3364, 304.9438

■ 0.4560, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5039, 52.5817,
40.6259

■ 61.5039, 52.5817,
40.6259

■ 55.5926, 43.9756,
28.7395

■ 68.5959, 62.8265,
55.1338

■ 50.7937, 36.9158,
19.3150

■ 76.9238, 74.7808,
72.4038

■ 47.0379, 31.3127,
12.1802

■ 86.5443, 88.5208,
92.5700

■ 44.2469, 27.0639,
7.1393

94.3179, 99.6226,
108.8657

■ 42.3304, 24.0539,
3.9634

■ 41.1807, 22.1474,
2.3686

■ 40.9118, 21.6903,
2.0304

Harmonies

Analogous

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



63.5960, 52.5817, 56.5598



61.5039, 52.5817, 40.6259



56.2855, 52.5817, 31.2089

Triad

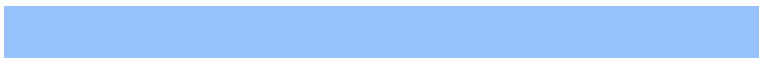
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.5039, 52.5817, 40.6259



39.7802, 52.5817, 41.5919



50.2206, 52.5817, 101.2012

Complementary

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



61.5039, 52.5817, 40.6259



64.4767, 78.7669, 104.7336

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.



44.1590, 52.5817, 94.8145



61.5039, 52.5817, 40.6259



38.4564, 52.5817, 57.9509

Square

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



61.5039, 52.5817, 40.6259



43.7728, 52.5817, 31.6753



39.9891, 52.5817, 77.8903



56.7421, 52.5817, 93.8443

Rectangle

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



61.5039, 52.5817, 40.6259



51.9410, 52.5817, 28.5905



39.9891, 52.5817, 77.8903



48.0638, 52.5817, 100.5814

Sweetspot

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



61.5053, 52.5842, 40.6269



83.3952, 83.3973, 84.3387



69.5518, 52.8923, 91.9722



17.5670, 17.4461, 17.4588



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.



61.5053, 52.5842, 40.6269



57.9045, 46.6806, 31.8656



71.5483, 72.6704, 43.9746



18.1684, 18.3049, 18.7200



21.8133, 11.6378, 1.0966



2.1734, 1.2321, 0.1233

Inverse Universe

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



64.4767, 78.7669, 104.7336



61.3331, 77.0219, 106.2419



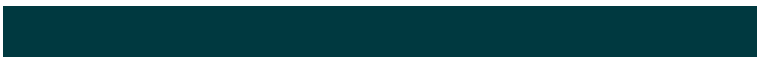
52.5764, 54.9662, 100.7668



18.3762, 20.1240, 23.1657



23.8908, 32.6912, 54.4854



2.3724, 3.2755, 5.3205

Previews

White Background



This preview shows how the XYZ color 61.5039, 52.5817, 40.6259 looks on a white background.

Color Contrast Check

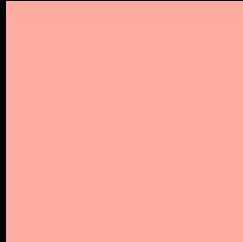
Large Text (above 18pt) WCAG AA × Fail

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 61.5039, 52.5817, 40.6259 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 61.5039, 52.5817, 40.6259

Background



This preview shows how black text looks on a background with the XYZ color 61.5039, 52.5817, 40.6259.



This preview shows how white text looks on a background with the XYZ color 61.5039, 52.5817,

40.6259.

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

61.5039, 52.5817, 40.6259

Protanopia

50.2877, 53.0571, 46.1187

Deuteranopia

53.9519, 52.8545, 39.7061



Tritanopia

63.5831, 52.6015, 50.5180

Trichromacy



Original Color

61.5039, 52.5817, 40.6259



Protanomaly

53.6307, 52.2866, 43.8249



Deuteranomaly

56.5110, 52.6381, 39.9826



Tritanomaly

62.7010, 52.5028, 46.8737

Monochromacy



Original Color

61.5039, 52.5817, 40.6259



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.0267, 52.9423, 51.6273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5039, 52.5817, 40.6259 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(253, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(253, 171, 161)  
}
```

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(253, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 171, 161) }
```

Border

The CSS property to change the border of an element to XYZ 61.5039, 52.5817, 40.6259 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(253, 171, 161) }
```


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

```
.border{ border-color:rgb(253, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(253, 171,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5039, 52.5817, 40.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 171, 161) }
```

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

```
.background{ background-color: rgb(253,  
171, 161) }
```

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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