

Converting Colors

XYZ(63.3992, 53.9965, 46.6200)

Have a look what the booklet for
XYZ(63.3992, 53.9965, 46.6200)
contains.

XYZ(63.3594, 53.9751, 46.6140)	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(63.3594, 53.9751,
46.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	FEADAD
RGB	254, 173, 173
RGB Percent	100%, 68%, 68%
CMY	0.0039, 0.3215, 0.3216
CMYK	0.00, 0.32, 0.32, 0.00
HSL	0°, 98%, 84%
HSV	0°, 32%, 100%
XYZ	63.3594, 53.9751, 46.6140
YIQ	197.2190, 48.2760, 17.1720

Conversions

Conversions Part 2

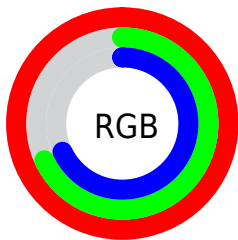
Format	Color
RYB	254, 173, 173
Decimal	16690605
CIELab	78.45, 29.68, 12.10
CIELCh	78, 32.052, 22.189
Yxy	53.9751, 0.3865, 0.3292
Android (android.graphics.Color)	4294880685 (0xFFFEADAD)
YUV	197.2190, -11.9400, 49.7969
Hunter-Lab	73.4677, 25.3718, 13.8090

Details

The XYZ color **63.3594, 53.9751, 46.6140** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.5634, 86.9204, 106.8242**, and the grayscale version is **53.2539, 56.0273, 61.0137**.

A 20% lighter version of the original color is **83.2629, 82.9001, 85.0117**, and **32.6733, 26.4155, 21.4658** is the 20% darker color. If you saturate the color by 10%, you get **56.7154, 44.2535, 33.4043**, and if you desaturate by 10%, it is **71.3992, 65.7401, 62.5950**.

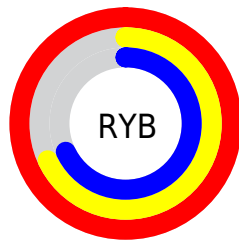
Distribution



Red (100%)

Green (68%)

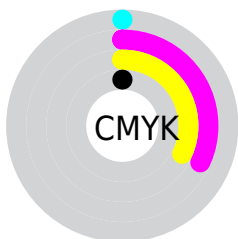
Blue (68%)



Red (100%)

Yellow (68%)

Blue (68%)

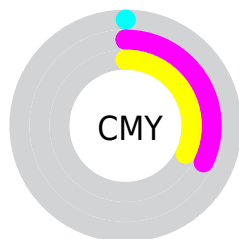


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3594, 53.9751, 46.6140 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 63.3594, 53.9751, 46.6140 by changing the saturation by 10% instead.


 63.3594, 53.9751,
46.6140

 63.3594, 53.9751,
46.6140


426.5116,
402.0151, 389.6207

 46.3918, 38.5818,
32.3785


 108.7668, 96.0377,
86.4811

 32.7610, 26.4345,
21.3835


137.9372,
123.4757, 112.9497

 22.1018, 17.1490,
13.2107


171.9059,
155.6974, 144.3331

 14.0487, 10.3408,
7.4413

211.0383,
193.0872, 181.0499

 8.2365, 5.6255,
3.6570

255.6997,
236.0295, 223.5184

 4.2997, 2.6187,
1.4391

306.2555,

 1.8731, 0.9361,

284.9086, 272.1574

0.1720

363.0710,
340.1090, 327.3853

■ 0.5611, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3594, 53.9751,
46.6140

■ 63.3594, 53.9751,
46.6140

■ 56.7154, 44.2535,
33.4043

■ 71.3992, 65.7401,
62.5950

■ 51.3837, 36.4516,
22.8055

■ 80.9035, 79.6475,
81.4892

■ 47.2788, 30.4448,
14.6453

■ 91.9414, 95.7990,
103.4325

■ 44.3029, 26.0902,
8.7299

94.6830, 99.8108,
108.8828

■ 42.3438, 23.2233,
4.8357

■ 41.2659, 21.6459,
2.6933

■ 40.8732, 21.0712,
1.9129

Harmonies

Analogous

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



64.2672, 53.9751, 63.6135



63.3594, 53.9751, 46.6140



59.0947, 53.9751, 35.3957

Triad

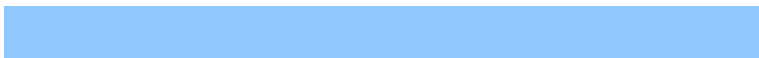
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3594, 53.9751, 46.6140



42.3118, 53.9751, 39.9587



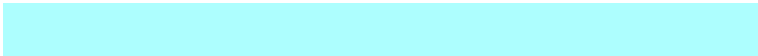
49.6724, 53.9751, 100.2906

Complementary

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



63.3594, 53.9751, 46.6140



70.5634, 86.9204, 106.8242

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.



44.2259, 53.9751, 90.6703



63.3594, 53.9751, 46.6140



40.2090, 53.9751, 54.1783

Square

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



63.3594, 53.9751, 46.6140



46.8603, 53.9751, 32.1374



40.8799, 53.9751, 72.8738



56.0153, 53.9751, 97.1147

Rectangle

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



63.3594, 53.9751, 46.6140



55.0981, 53.9751, 31.5350



40.8799, 53.9751, 72.8738



47.6838, 53.9751, 98.3873

Sweetspot

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



63.3608, 53.9777, 46.6151



83.6111, 83.2618, 86.1596



73.7063, 58.1142, 101.0984



17.5792, 17.3576, 17.8115



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.



63.3608, 53.9777, 46.6151



59.6652, 48.2221, 38.5560



72.3364, 71.9288, 49.6069



18.0096, 17.9873, 18.6670



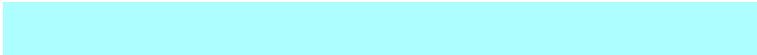
21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

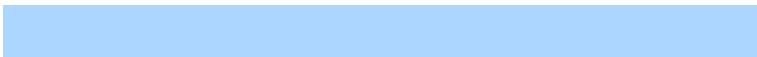
The Inverse Universe completely reimagines the original color for something new.



70.5634, 86.9204, 106.8242



67.9282, 86.0152, 107.6301



59.0436, 63.8809, 102.9842



18.5548, 20.4813, 23.2253



28.1141, 41.1379, 55.8932



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 63.3594, 53.9751, 46.6140 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 63.3594, 53.9751, 46.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

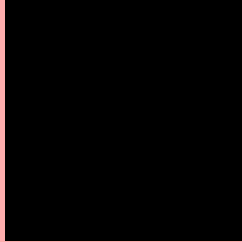
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3594, 53.9751, 46.6140

Background



This preview shows how black text looks on a background with the XYZ color 63.3594, 53.9751, 46.6140.



This preview shows how white text looks on a background with the XYZ color 63.3594, 53.9751,

46.6140.

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

63.3594, 53.9751, 46.6140

Protanopia

51.7629, 54.3236, 53.1047

Deuteranopia

55.1502, 53.9725, 45.5412



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

63.3594, 53.9751, 46.6140

Protanomaly

55.3123, 53.6287, 50.6161

Deuteranomaly

58.0103, 53.8886, 45.8721

Tritanomaly

64.2307, 54.0603, 50.2294

Monochromacy



Original Color

63.3594, 53.9751, 46.6140

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.9738, 54.5027, 55.1469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3594, 53.9751, 46.6140 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(254, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 173, 173)  
}
```

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(254, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 63.3594, 53.9751, 46.6140 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(254, 173, 173) }
```


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

```
.border{ border-color:rgb(254, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3594, 53.9751, 46.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 173, 173) }
```

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

```
.background{ background-color: rgb(254,  
173, 173) }
```

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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