

Converting Colors

XYZ(79.7950, 57.9392, 33.5610)

Have a look what the booklet for
XYZ(79.7950, 57.9392, 33.5610)
contains.

XYZ(57.9954, 46.7163, 32.3460)	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(57.9954, 46.7163,
32.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B90
RGB	255, 155, 144
RGB Percent	100%, 61%, 56%
CMY	0.0000, 0.3921, 0.4353
CMYK	0.00, 0.39, 0.44, 0.00
HSL	6°, 100%, 78%
HSV	6°, 44%, 100%
XYZ	57.9954, 46.7163, 32.3460
YIQ	183.6460, 63.1310, 17.7790

Conversions

Conversions Part 2

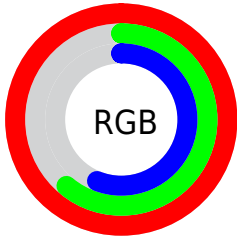
Format	Color
R _Y B	255, 156, 144
Decimal	16751504
CIE Lab	74.01, 36.12, 21.74
CIE LCh	74, 42.158, 31.038
Yxy	46.7163, 0.4231, 0.3409
Android (android.graphics.Color)	4294941584 (0xFFFF9B90)
YUV	183.6460, -19.5455, 62.5775
Hunter-Lab	68.3493, 31.8485, 19.7858

Details

The XYZ color **57.9954, 46.7163, 32.3460** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9007, 77.8472, 106.3711**, and the grayscale version is **45.4458, 47.8126, 52.0679**.

A 20% lighter version of the original color is **74.4796, 71.4304, 63.2880**, and **29.2774, 21.9130, 13.2762** is the 20% darker color. If you saturate the color by 10%, you get **52.7959, 39.0920, 22.0590**, and if you desaturate by 10%, it is **64.3647, 55.9757, 45.1953**.

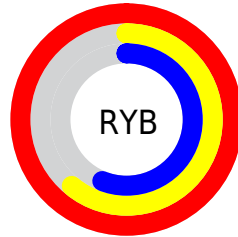
Distribution



Red (100%)

Green (61%)

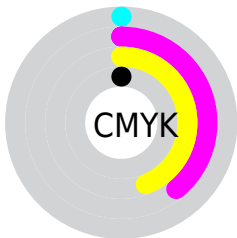
Blue (56%)



Red (100%)

Yellow (61%)

Blue (56%)

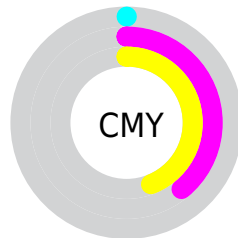


Cyan (0%)

Magenta (39%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9954, 46.7163, 32.3460 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 57.9954, 46.7163, 32.3460 by changing the saturation by 10% instead.


 57.9954, 46.7163,
32.3460

 57.9954, 46.7163,
32.3460


407.1229,
373.6810, 327.2336

 42.0482, 32.8114,
21.3589


 101.0392, 85.2900,
64.4573

 29.3303, 21.9820,
13.1928


 128.8664,
110.7276, 86.4186

 19.4764, 13.8437,
7.4292

161.3844,
140.7783, 112.8751

 12.1210, 8.0120,
3.6494

198.9585,
175.8264, 144.2452

 6.8989, 4.1026,
1.4351

241.9541,
216.2563, 180.9476

 3.4448, 1.7311,
0.1688

290.7364,

 1.3931, 0.4437,

262.4524, 223.4008

0.0000

345.6709,
314.7992, 272.0232

■ 0.2513, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9954, 46.7163,
32.3460

■ 57.9954, 46.7163,
32.3460

■ 52.7959, 39.0920,
22.0590

■ 64.3647, 55.9757,
45.1953

■ 48.6912, 33.0012,
14.1598

■ 71.9654, 66.9502,
60.7602

■ 45.6033, 28.3416,
8.4563

■ 80.8594, 79.7232,
79.1850

■ 43.4421, 24.9955,
4.7256

■ 91.1029, 94.3702,
100.6033

■ 42.1011, 22.8265, 95.0500, 100.0000,
2.6971 108.9000

■ 41.5937, 21.9674,
2.0479

Harmonies

Analogous

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



60.5042, 46.7163, 50.1190



57.9954, 46.7163, 32.3460



51.7869, 46.7163, 22.5337

Triad

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



57.9954, 46.7163, 32.3460



32.9038, 46.7163, 33.3172



44.6651, 46.7163, 104.5911

Complementary

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



57.9954, 46.7163, 32.3460



61.9007, 77.8472, 106.3711

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.



37.7556, 46.7163, 96.4404



57.9954, 46.7163, 32.3460



31.4455, 46.7163, 51.6206

Square

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



57.9954, 46.7163, 32.3460



37.3495, 46.7163, 22.9728



33.1190, 46.7163, 75.3739



52.2916, 46.7163, 95.2948

Rectangle

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



57.9954, 46.7163, 32.3460



46.6958, 46.7163, 19.9229



33.1190, 46.7163, 75.3739



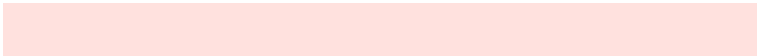
42.1855, 46.7163, 103.7858

Sweetspot

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



57.9966, 46.7186, 32.3469



81.3670, 80.4504, 80.2419



67.8096, 47.8453, 92.6488



16.9679, 16.5776, 16.2430



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.



57.9966, 46.7186, 32.3469



53.5183, 40.1562, 23.4728



69.0134, 68.7522, 36.0191



18.1542, 18.2766, 18.7152



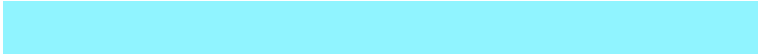
21.7810, 11.5733, 1.0859



2.1667, 1.2188, 0.1211

Inverse Universe

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



61.9007, 77.8472, 106.3711



57.8410, 74.8033, 105.9977



48.0196, 50.0850, 101.7441



18.3919, 20.1554, 23.1710



24.2388, 33.3871, 54.6014



2.4027, 3.3362, 5.3306

Previews

White Background



This preview shows how the XYZ color 57.9954, 46.7163, 32.3460 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 57.9954, 46.7163, 32.3460 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 57.9954, 46.7163, 32.3460

Background



This preview shows how black text looks on a background with the XYZ color 57.9954, 46.7163, 32.3460.



This preview shows how white text looks on a background with the XYZ color 57.9954, 46.7163,

32.3460.

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

57.9954, 46.7163, 32.3460

Protanopia

44.2996, 46.9666, 38.6289

Deuteranopia

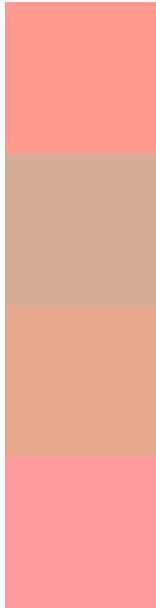
47.7952, 46.8495, 31.3347



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

57.9954, 46.7163, 32.3460

Protanomaly

48.1516, 46.0682, 36.0600

Deuteranomaly

51.1234, 46.5864, 31.4969

Tritanomaly

58.8814, 46.8055, 37.8293

Monochromacy



Original Color

57.9954, 46.7163, 32.3460

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.6833, 46.4534, 43.9366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9954, 46.7163, 32.3460 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(255, 155, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 144)  
}
```

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(255, 155, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 144) }
```

Border

The CSS property to change the border of an element to XYZ 57.9954, 46.7163, 32.3460 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(255, 155, 144) }
```


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

```
.border{ border-color:rgb(255, 155, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9954, 46.7163, 32.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 144) }
```

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

```
.background{ background-color: rgb(255,  
155, 144) }
```

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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