

Converting Colors

XYZ(58.0307, 46.6333, 32.8336)

Have a look what the booklet for
XYZ(58.0307, 46.6333, 32.8336)
contains.

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Color

**XYZ(58.0722, 46.7470,
32.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B91
RGB	255, 155, 145
RGB Percent	100%, 61%, 57%
CMY	0.0000, 0.3921, 0.4314
CMYK	0.00, 0.39, 0.43, 0.00
HSL	5°, 100%, 78%
HSV	5°, 43%, 100%
XYZ	58.0722, 46.7470, 32.7504
YIQ	183.7600, 62.8100, 18.0900

Conversions

Conversions Part 2

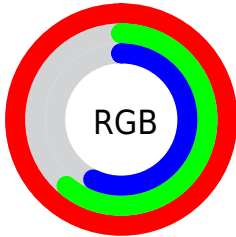
Format	Color
RYB	255, 156, 145
Decimal	16751505
CIELab	74.03, 36.22, 21.22
CIELCh	74, 41.980, 30.358
Yxy	46.7470, 0.4221, 0.3398
Android (android.graphics.Color)	4294941585 (0xFFFF9B91)
YUV	183.7600, -19.1087, 62.4775
Hunter-Lab	68.3718, 31.9600, 19.4601

Details

The XYZ color **58.0722, 46.7470, 32.7504** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.3779, 78.5412, 106.4800**, and the grayscale version is **45.5065, 47.8764, 52.1374**.

A 20% lighter version of the original color is **74.5954, 71.4767, 63.8976**, and **29.3226, 21.9311, 13.5141** is the 20% darker color. If you saturate the color by 10%, you get **52.8277, 39.0595, 22.3659**, and if you desaturate by 10%, it is **64.5009, 56.0967, 45.7075**.

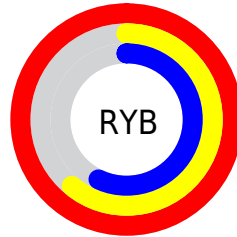
Distribution



Red (100%)

Green (61%)

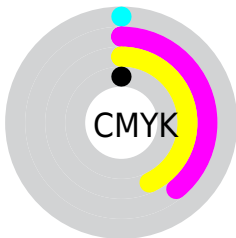
Blue (57%)



Red (100%)

Yellow (61%)

Blue (57%)

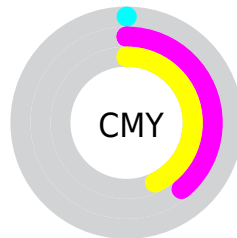


Cyan (0%)

Magenta (39%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0722, 46.7470, 32.7504 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 58.0722, 46.7470, 32.7504 by changing the saturation by 10% instead.


 58.0722, 46.7470,
32.7504


 58.0722, 46.7470,
32.7504


407.4044,
373.8038, 329.1210

 42.1102, 32.8357,
21.6658

 101.1504, 85.3359,
65.0972

 29.3791, 22.0006,
13.4155


 128.9972,
110.7822, 87.1964

 19.5135, 13.8573,
7.5812

161.5364,
140.8423, 113.8041

 12.1481, 8.0215,
3.7443

199.1332,
175.9006, 145.3391

 6.9175, 4.1087,
1.4861

242.1531,
216.3415, 182.2197

 3.4565, 1.7346,
0.2076

290.9613,

 1.3995, 0.4459,

262.5494, 224.8645

0.0000

345.9233,
314.9087, 273.6921

■ 0.2559, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0722, 46.7470,
32.7504

■ 58.0722, 46.7470,
32.7504

■ 52.8277, 39.0595,
22.3659

■ 64.5009, 56.0967,
45.7075

■ 48.6914, 32.9300,
14.3798

■ 72.1764, 67.1906,
61.3903

■ 45.5840, 28.2540,
8.6004

■ 81.1613, 80.1137,
79.9431

■ 43.4142, 24.9107,
4.8057

■ 91.5127, 94.9436,
101.4994

■ 42.0741, 22.7600, 95.0500, 100.0000,
2.7267 108.9000

■ 41.5503, 21.8806,
2.0334

Harmonies

Analogous

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



60.4677, 46.7470, 50.6420



58.0722, 46.7470, 32.7504



51.9519, 46.7470, 22.7821

Triad

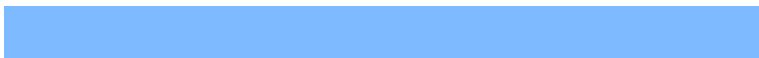
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0722, 46.7470, 32.7504



33.0401, 46.7470, 33.0846



44.5218, 46.7470, 104.3726

Complementary

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



58.0722, 46.7470, 32.7504



62.3779, 78.5412, 106.4800

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.



37.6745, 46.7470, 95.8914



58.0722, 46.7470, 32.7504



31.5155, 46.7470, 51.1580

Square

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



58.0722, 46.7470, 32.7504



37.5349, 46.7470, 22.9334



33.1141, 46.7470, 74.7546



52.1253, 46.7470, 95.4984

Rectangle

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



58.0722, 46.7470, 32.7504



46.8909, 46.7470, 20.0759



33.1141, 46.7470, 74.7546



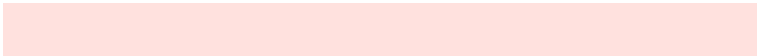
42.0599, 46.7470, 103.4351

Sweetspot

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



58.0734, 46.7493, 32.7513



81.2935, 80.3035, 80.2174



67.9745, 48.1548, 92.7669



16.9501, 16.5420, 16.2371



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.



58.0734, 46.7493, 32.7513



53.3667, 39.8531, 23.4223



69.1924, 68.9873, 36.4576



18.1422, 18.2526, 18.7112



21.7554, 11.5221, 1.0773



2.1611, 1.2075, 0.1192

Inverse Universe

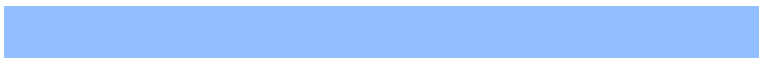
The Inverse Universe completely reimagines the original color for something new.



62.3779, 78.5412, 106.4800



58.1650, 75.4512, 106.1057



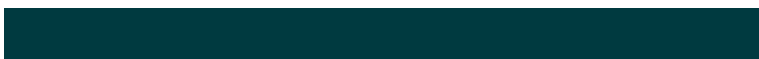
48.3219, 50.4291, 101.7946



18.4053, 20.1822, 23.1754



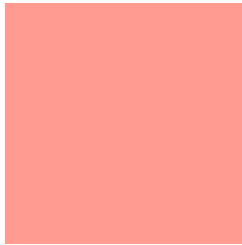
24.5393, 33.9882, 54.7016



2.4289, 3.3885, 5.3393

Previews

White Background



This preview shows how the XYZ color 58.0722, 46.7470, 32.7504 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 58.0722, 46.7470, 32.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

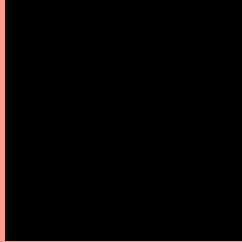
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0722, 46.7470, 32.7504

Background



This preview shows how black text looks on a background with the XYZ color 58.0722, 46.7470, 32.7504.



This preview shows how white text looks on a background with the XYZ color 58.0722, 46.7470,

32.7504.

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

58.0722, 46.7470, 32.7504

Protanopia

44.3854, 47.0009, 39.0805

Deuteranopia

47.8692, 46.8792, 31.7249



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

58.0722, 46.7470, 32.7504

Protanomaly

48.2338, 46.1011, 36.4932

Deuteranomaly

51.1982, 46.6163, 31.8906

Tritanomaly

58.8814, 46.8055, 37.8293

Monochromacy



Original Color

58.0722, 46.7470, 32.7504

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.7776, 46.4911, 44.4330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0722, 46.7470, 32.7504 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 145) }
```

Border

The CSS property to change the border of an element to XYZ 58.0722, 46.7470, 32.7504 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, 145) }
```


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

```
.border{ border-color:rgb(255, 155, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0722, 46.7470, 32.7504 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, 145) }
```

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

```
.background{ background-color: rgb(255,  
155, 145) }
```

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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