

Converting Colors

XYZ(57.7612, 45.4355, 34.7722)

Have a look what the booklet for
XYZ(57.7612, 45.4355, 34.7722)
contains.

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Color

**XYZ(57.6514, 45.2747,
34.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9696
RGB	255, 150, 150
RGB Percent	100%, 59%, 59%
CMY	0.0000, 0.4117, 0.4118
CMYK	0.00, 0.41, 0.41, 0.00
HSL	0°, 100%, 79%
HSV	0°, 41%, 100%
XYZ	57.6514, 45.2747, 34.5545
YIQ	181.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

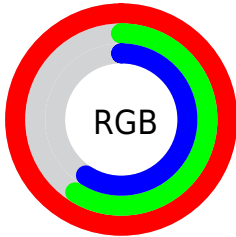
Format	Color
R _{YB}	255, 150, 150
Decimal	16750230
CIE Lab	73.07, 39.31, 17.15
CIE LCh	73, 42.893, 23.572
Yxy	45.2747, 0.4193, 0.3293
Android (android.graphics.Color)	4294940310 (0xFFFF9696)
YUV	181.3950, -15.4777, 64.5516
Hunter-Lab	67.2865, 35.1884, 16.6526

Details

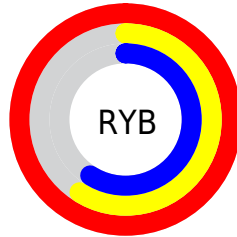
The XYZ color **57.6514, 45.2747, 34.5545** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3860, 85.2204, 107.5580**, and the grayscale version is **44.1935, 46.4950, 50.6330**.

A 20% lighter version of the original color is **73.9704, 69.2823, 66.6009**, and **29.0325, 21.0523, 14.3377** is the 20% darker color. If you saturate the color by 10%, you get **52.1814, 37.2710, 23.6791**, and if you desaturate by 10%, it is **64.4557, 55.2320, 48.0796**.

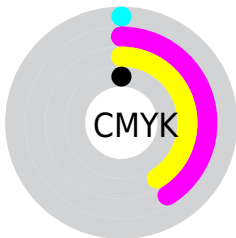
Distribution



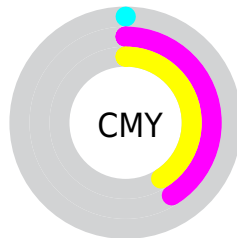
- Red (100%)
- Green (59%)
- Blue (59%)



- Red (100%)
- Yellow (59%)
- Blue (59%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6514, 45.2747, 34.5545 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 57.6514, 45.2747, 34.5545 by changing the saturation by 10% instead.


 57.6514, 45.2747,
34.5545

 57.6514, 45.2747,
34.5545


405.8605,
367.8850, 337.4418

 41.7706, 31.6739,
23.0391


 100.5409, 83.1325,
67.9388

 29.1121, 21.1125,
14.4168


 128.2804,
108.1582, 90.6447

 19.3103, 13.2063,
8.2691


160.7035,
137.7610, 117.9179

 12.0001, 7.5707,
4.1774

198.1755,
172.3253, 150.1769

 6.8159, 3.8215,
1.7231

241.0619,
212.2354, 187.8403

 3.3925, 1.5742,
0.3765

289.7280,

 1.3646, 0.3401,

257.8758, 231.3265

0.0000

344.5391,
309.6309, 281.0542

■ 0.2308, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6514, 45.2747,
34.5545

■ 57.6514, 45.2747,
34.5545

■ 52.1814, 37.2710,
23.6791

■ 64.4557, 55.2320,
48.0796

■ 47.9550, 31.0864,
15.2774

■ 72.6704, 67.2523,
64.4099

■ 44.8756, 26.5803,
9.1561

■ 82.3696, 81.4451,
83.6917

■ 42.8310, 23.5883,
5.0920

■ 93.6217, 97.9100,
106.0605

■ 41.6865, 21.9135, 95.0500, 100.0000,
2.8173 108.9000

■ 41.2401, 21.2603,
1.9301

Harmonies

Analogous

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



59.0144, 45.2747, 54.0669



57.6514, 45.2747, 34.5545



52.1774, 45.2747, 22.9710

Triad

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



57.6514, 45.2747, 34.5545



32.4395, 45.2747, 28.6117



41.4377, 45.2747, 102.7887

Complementary

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



57.6514, 45.2747, 34.5545



66.3860, 85.2204, 107.5580

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.



35.0234, 45.2747, 90.5595



57.6514, 45.2747, 34.5545



30.2324, 45.2747, 44.8152

Square

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



57.6514, 45.2747, 34.5545



37.5184, 45.2747, 20.3021



31.1204, 45.2747, 67.7284



49.0615, 45.2747, 97.6744

Rectangle

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



57.6514, 45.2747, 34.5545



47.2414, 45.2747, 19.3432



31.1204, 45.2747, 67.7284



39.0809, 45.2747, 100.4778

Sweetspot

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



57.6526, 45.2770, 34.5554



81.5126, 80.1910, 81.9880



70.1965, 50.2931, 100.6155



17.1609, 16.7454, 16.9798



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.



57.6526, 45.2770, 34.5554



53.2628, 38.8535, 25.8289



67.9833, 65.9384, 37.9989



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



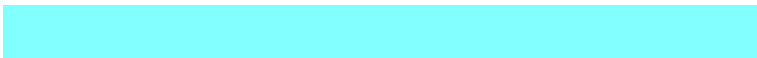
2.0982, 1.0817, 0.0982

Inverse Universe

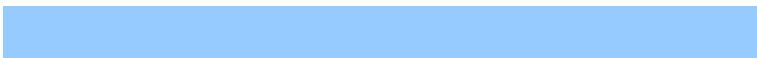
The Inverse Universe completely reimagines the original color for something new.



66.3860, 85.2204, 107.5580



63.0214, 83.4854, 107.4005



51.8661, 56.1805, 102.7180



18.5549, 20.4813, 23.2253



28.1146, 41.1387, 55.8934



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 57.6514, 45.2747, 34.5545 looks on a white background.

Color Contrast Check

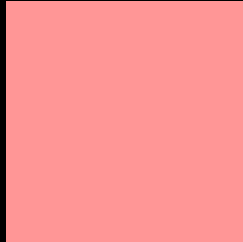
Large Text (above 18pt) WCAG AA × Fail

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 57.6514, 45.2747, 34.5545 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 57.6514, 45.2747, 34.5545

Background



This preview shows how black text looks on a background with the XYZ color 57.6514, 45.2747, 34.5545.



This preview shows how white text looks on a background with the XYZ color 57.6514, 45.2747,

34.5545.

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

57.6514, 45.2747, 34.5545

Protanopia

43.4051, 45.5216, 42.0962

Deuteranopia

46.4264, 45.5178, 33.5330



Tritanopia

58.3326, 45.2930, 38.9257

Trichromacy



Original Color

57.6514, 45.2747, 34.5545



Protanomaly

47.4992, 44.5404, 39.3514



Deuteranomaly

50.0856, 45.1856, 33.6857



Tritanomaly

57.9882, 45.1552, 37.1120

Monochromacy



Original Color

57.6514, 45.2747, 34.5545



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.6428, 45.0616, 44.2169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6514, 45.2747, 34.5545 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, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 150)  
}
```

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, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 57.6514, 45.2747, 34.5545 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, 150, 150) }
```


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

```
.border{ border-color:rgb(255, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6514, 45.2747, 34.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 150) }
```

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

```
.background{ background-color: rgb(255,  
150, 150) }
```

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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