

Converting Colors

XYZ(63.3679, 50.4127, 35.2946)

Have a look what the booklet for
XYZ(63.3679, 50.4127, 35.2946)
contains.

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Color

**XYZ(59.1432, 48.2583,
35.0518)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F96
RGB	255, 159, 150
RGB Percent	100%, 62%, 59%
CMY	0.0000, 0.3764, 0.4118
CMYK	0.00, 0.38, 0.41, 0.00
HSL	5°, 100%, 79%
HSV	5°, 41%, 100%
XYZ	59.1432, 48.2583, 35.0518
YIQ	186.6780, 60.1050, 17.5530

Conversions

Conversions Part 2

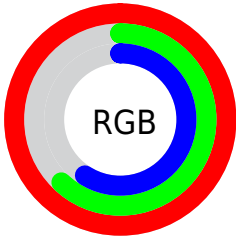
Format	Color
R _Y B	255, 160, 150
Decimal	16752534
CIE Lab	74.99, 34.68, 19.80
CIE LCh	75, 39.935, 29.729
Yxy	48.2583, 0.4152, 0.3388
Android (android.graphics.Color)	4294942614 (0xFFFF9F96)
YUV	186.6780, -18.0823, 59.9184
Hunter-Lab	69.4682, 30.4004, 18.7116

Details

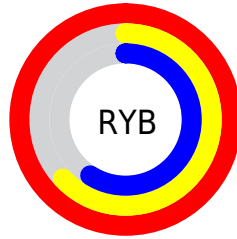
The XYZ color **59.1432, 48.2583, 35.0518** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.5820, 79.6123, 106.6233**, and the grayscale version is **47.1288, 49.5831, 53.9960**.

A 20% lighter version of the original color is **76.4395, 74.2205, 67.4239**, and **29.9118, 22.8110, 14.6308** is the 20% darker color. If you saturate the color by 10%, you get **53.6710, 40.2502, 24.1757**, and if you desaturate by 10%, it is **65.8207, 57.9619, 48.5347**.

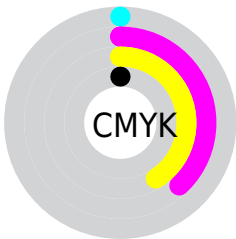
Distribution



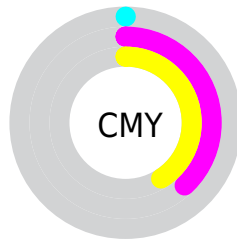
- Red (100%)
- Green (62%)
- Blue (59%)



- Red (100%)
- Yellow (63%)
- Blue (59%)



- Cyan (0%)
- Magenta (38%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1432, 48.2583, 35.0518 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 59.1432, 48.2583, 35.0518 by changing the saturation by 10% instead.


 59.1432, 48.2583,
35.0518


 59.1432, 48.2583,
35.0518


411.3179,
379.8151, 339.7081

 42.9752, 34.0315,
23.4189


 102.6992, 87.5889,
68.7185

 30.0601, 22.9178,
14.6949


 130.8179,
113.4614, 91.5894

 20.0325, 14.5328,
8.4613


163.6510,
143.9846, 119.0433

 12.5271, 8.4922,
4.2996

201.5636,
179.5430, 151.4989

 7.1785, 4.4115,
1.7911

244.9213,
220.5208, 189.3746

 3.6213, 1.9063,
0.4221

294.0893,

 1.4902, 0.5522,

267.3025, 233.0890

0.0000

349.4331,
320.2724, 283.0607

■ 0.3191, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1432, 48.2583,
35.0518

■ 59.1432, 48.2583,
35.0518

■ 53.6710, 40.2502,
24.1757

■ 65.8207, 57.9619,
48.5347

■ 49.3285, 33.8335,
15.7353

■ 73.7657, 69.4431,
64.7751

■ 46.0373, 28.9038,
9.5434

■ 83.0406, 82.7871,
83.9155

■ 43.7075, 25.3413,
5.3842

■ 93.7025, 98.0717,
106.0876

■ 42.2334, 23.0074, 95.0500, 100.0000,
2.9996 108.9000

■ 41.5244, 21.8289,
2.0248

Harmonies

Analogous

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



61.3548, 48.2583, 52.7351



59.1432, 48.2583, 35.0518



53.3000, 48.2583, 24.9492

Triad

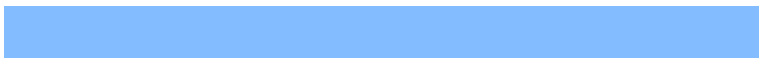
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1432, 48.2583, 35.0518



34.7998, 48.2583, 34.8014



45.8018, 48.2583, 103.7551

Complementary

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



59.1432, 48.2583, 35.0518



63.5820, 79.6123, 106.6233

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.



39.1612, 48.2583, 95.3801



59.1432, 48.2583, 35.0518



33.2348, 48.2583, 52.3555

Square

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



59.1432, 48.2583, 35.0518



39.2646, 48.2583, 24.8338



34.7447, 48.2583, 75.0626



53.1732, 48.2583, 95.6628

Rectangle

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



59.1432, 48.2583, 35.0518



48.4121, 48.2583, 22.1243



34.7447, 48.2583, 75.0626



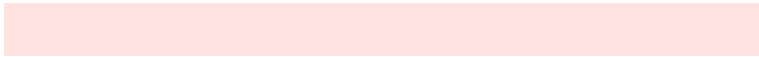
43.4148, 48.2583, 102.7470

Sweetspot

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



59.1444, 48.2607, 35.0527



82.2247, 81.6151, 82.2254



68.8195, 49.7423, 93.3642



17.3267, 17.0771, 17.0351



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.



59.1444, 48.2607, 35.0527



54.7631, 41.8541, 26.3290



70.1017, 70.1752, 38.7051



18.1346, 18.2373, 18.7087



21.7401, 11.4914, 1.0722



2.1575, 1.2003, 0.1180

Inverse Universe

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



63.5820, 79.6123, 106.6233



59.6996, 76.8418, 106.2932



49.8643, 52.1769, 102.0507



18.4138, 20.1992, 23.1783



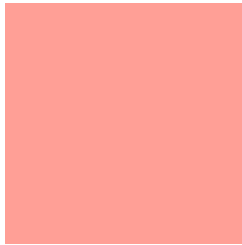
24.7317, 34.3730, 54.7657



2.4456, 3.4220, 5.3449

Previews

White Background



This preview shows how the XYZ color 59.1432, 48.2583, 35.0518 looks on a white background.

Color Contrast Check

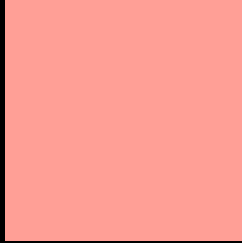
Large Text (above 18pt) WCAG AA × Fail

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 59.1432, 48.2583, 35.0518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

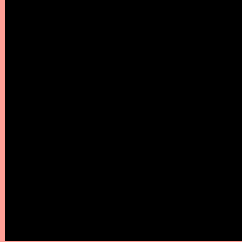
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1432, 48.2583, 35.0518

Background



This preview shows how black text looks on a background with the XYZ color 59.1432, 48.2583, 35.0518.



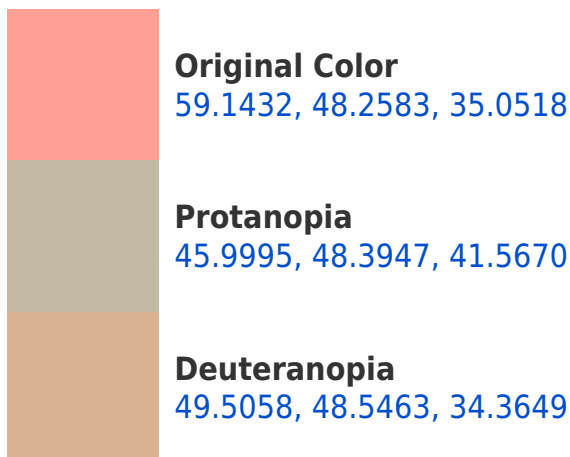
This preview shows how white text looks on a background with the XYZ color 59.1432, 48.2583,

35.0518.

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





Tritanopia

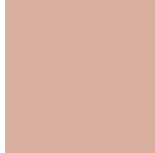
60.3649, 48.2011, 43.1680

Trichromacy



Original Color

59.1432, 48.2583, 35.0518



Protanomaly

49.8204, 47.7275, 38.9343



Deuteranomaly

52.5413, 48.0869, 34.5295



Tritanomaly

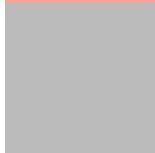
59.8999, 48.2869, 39.8815

Monochromacy



Original Color

59.1432, 48.2583, 35.0518



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.5135, 48.4973, 46.7430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1432, 48.2583, 35.0518 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, 159, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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, 159, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 150) }
```

Border

The CSS property to change the border of an element to XYZ 59.1432, 48.2583, 35.0518 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, 159, 150) }
```


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

```
.border{ border-color:rgb(255, 159, 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, 159, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1432, 48.2583, 35.0518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 150) }
```

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

```
.background{ background-color: rgb(255,  
159, 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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