

Converting Colors

XYZ(49.1322, 34.2260, 13.2493)

Have a look what the booklet for
XYZ(49.1322, 34.2260, 13.2493)
contains.

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Color

**XYZ(49.1322, 34.2260,
13.2493)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7358
RGB	255, 115, 88
RGB Percent	100%, 45%, 35%
CMY	0.0000, 0.5490, 0.6549
CMYK	0.00, 0.55, 0.65, 0.00
HSL	10°, 100%, 67%
HSV	10°, 65%, 100%
XYZ	49.1322, 34.2260, 13.2493
YIQ	153.7820, 92.1070, 21.2830

Conversions

Conversions Part 2

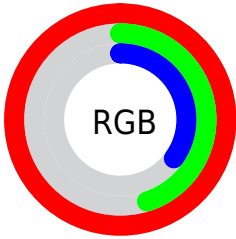
Format	Color
R _Y B	255, 120, 88
Decimal	16741208
CIE Lab	65.14, 51.53, 40.79
CIE LCh	65, 65.722, 38.365
Yxy	34.2260, 0.5086, 0.3543
Android (android.graphics.Color)	4294931288 (0xFFFF7358)
YUV	153.7820, -32.4305, 88.7682
Hunter-Lab	58.5030, 47.5283, 27.5246

Details

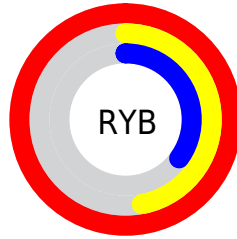
The XYZ color **49.1322, 34.2260, 13.2493** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **49.8159, 64.7774, 104.4850**, and the grayscale version is **30.7301, 32.3305, 35.2079**.

A 20% lighter version of the original color is **60.2749, 51.8735, 31.2619**, and **23.7543, 14.5983, 3.6636** is the 20% darker color. If you saturate the color by 10%, you get **46.0932, 29.5534, 7.9049**, and if you desaturate by 10%, it is **53.1072, 40.1803, 20.7277**.

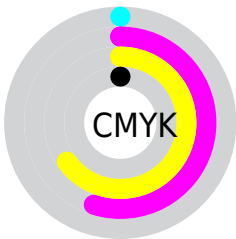
Distribution



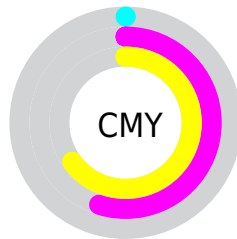
- Red (100%)
- Green (45%)
- Blue (35%)



- Red (100%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (55%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1322, 34.2260, 13.2493 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 49.1322, 34.2260, 13.2493 by changing the saturation by 10% instead.


 49.1322, 34.2260,
13.2493


 49.1322, 34.2260,
13.2493


373.7709,
321.1386, 223.7729

 34.9393, 23.0673,
7.4677


 88.0873, 66.2850,
32.4487


 23.7824, 14.6432,
3.6734


 113.5803, 87.9540,
46.7035


 15.2962, 8.5694,
1.4480


 143.5706,
113.8952, 64.6199

 9.1152, 4.4614,
0.1787

 178.4237,
144.4931, 86.6162

 4.8741, 1.9348,
0.0000

 218.5049,
180.1320, 113.1112

 2.2076, 0.5692,
0.0000

264.1796,

 0.7467, 0.0000,

221.1963, 144.5233

0.0000

315.8132,
268.0703, 181.2710

■ 0.0000, 0.0000,
0.0000

■ 49.1322, 34.2260,
13.2493

■ 49.1322, 34.2260,
13.2493

■ 46.0932, 29.5534,
7.9049

■ 53.1072, 40.1803,
20.7277

■ 43.9077, 26.0614,
4.4666

■ 58.0862, 47.4961,
30.5328

■ 42.4817, 23.6424,
2.6565

■ 64.1335, 56.2534,
42.8376

■ 42.0410, 22.8623,
2.1971

■ 71.3074, 66.5241,
57.7980

■ 79.6618, 78.3755,
75.5575

89.2471, 91.8707,
96.2490

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



54.2565, 34.2260, 30.1358



49.1322, 34.2260, 13.2493



39.7713, 34.2260, 6.6615

Triad

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



49.1322, 34.2260, 13.2493



18.2882, 34.2260, 21.0627



35.2723, 34.2260, 117.1207

Complementary

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



49.1322, 34.2260, 13.2493



49.8159, 64.7774, 104.4850

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.



26.2271, 34.2260, 110.5095



49.1322, 34.2260, 13.2493



17.5513, 34.2260, 45.4412

Square

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



49.1322, 34.2260, 13.2493



22.4244, 34.2260, 9.3922



20.1664, 34.2260, 80.2930



45.2922, 34.2260, 95.4768

Rectangle

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



49.1322, 34.2260, 13.2493



33.0568, 34.2260, 5.5611



20.1664, 34.2260, 80.2930



32.0104, 34.2260, 118.2775

Sweetspot

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



49.1330, 34.2279, 13.2499



75.7445, 72.8306, 67.1923



59.0055, 33.9499, 78.2690



15.7166, 14.8847, 13.3295



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.



49.1330, 34.2279, 13.2499



45.2334, 28.1983, 6.4936



62.8656, 61.6930, 17.8274



18.2466, 18.4614, 18.7460



22.0369, 12.0851, 1.1712



2.2100, 1.3054, 0.1355

Inverse Universe

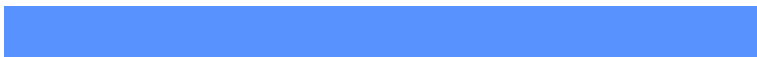
The Inverse Universe completely reimagines the original color for something new.



49.8159, 64.7774, 104.4850



45.7806, 60.4586, 103.8645



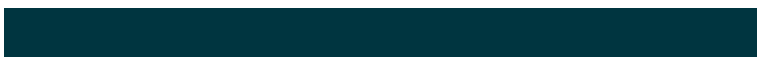
32.4231, 29.9918, 98.6874



18.2900, 19.9517, 23.1370



22.0580, 29.0257, 53.8745



2.2116, 2.9539, 5.2669

Previews

White Background



This preview shows how the XYZ color 49.1322, 34.2260, 13.2493 looks on a white background.

Color Contrast Check

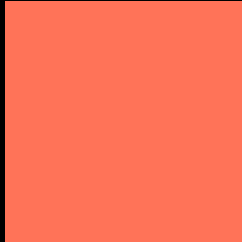
Large Text (above 18pt) WCAG AA × Fail

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 49.1322, 34.2260, 13.2493 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 49.1322, 34.2260, 13.2493

Background



This preview shows how black text looks on a background with the XYZ color 49.1322, 34.2260, 13.2493.



This preview shows how white text looks on a background with the XYZ color 49.1322, 34.2260,

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

49.1322, 34.2260, 13.2493

Protanopia

31.7388, 34.2239, 18.0298

Deuteranopia

35.0575, 34.3294, 12.5631



Tritanopia

50.3639, 34.1803, 21.3957

Trichromacy



Original Color

49.1322, 34.2260, 13.2493

Protanomaly

36.2347, 32.7844, 15.9735

Deuteranomaly

39.3040, 33.5688, 12.7954

Tritanomaly

49.8519, 34.1530, 18.1521

Monochromacy



Original Color

49.1322, 34.2260, 13.2493

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.8932, 31.4442, 25.3494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1322, 34.2260, 13.2493 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, 115, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 88)  
}
```

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, 115, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 88) }
```

Border

The CSS property to change the border of an element to XYZ 49.1322, 34.2260, 13.2493 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, 115, 88) }
```


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

```
.border{ border-color:rgb(255, 115, 88) }
```

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

Here you see how a box with a 4 pixel rgb(255, 115, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1322, 34.2260, 13.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 88) }
```

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

```
.background{ background-color: rgb(255,  
115, 88) }
```

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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