

Converting Colors

XYZ(71.3347, 45.3372, 16.3040)

Have a look what the booklet for
XYZ(71.3347, 45.3372, 16.3040)
contains.

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Color

**XYZ(49.3028, 33.9333,
15.2605)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7161
RGB	255, 113, 97
RGB Percent	100%, 44%, 38%
CMY	0.0000, 0.5568, 0.6196
CMYK	0.00, 0.56, 0.62, 0.00
HSL	6°, 100%, 69%
HSV	6°, 62%, 100%
XYZ	49.3028, 33.9333, 15.2605
YIQ	153.6340, 89.7680, 25.1280

Conversions

Conversions Part 2

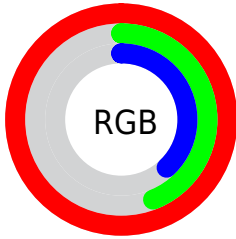
Format	Color
R _Y B	255, 115, 97
Decimal	16740705
CIE Lab	64.91, 52.99, 35.61
CIE LCh	65, 63.848, 33.900
Yxy	33.9333, 0.5006, 0.3445
Android (android.graphics.Color)	4294930785 (0xFFFF7161)
YUV	153.6340, -27.9206, 88.8980
Hunter-Lab	58.2523, 49.1349, 25.2443

Details

The XYZ color **49.3028, 33.9333, 15.2605** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **53.8439, 71.4897, 105.5683**, and the grayscale version is **30.6468, 32.2428, 35.1125**.

A 20% lighter version of the original color is **60.5879, 51.4034, 34.7455**, and **23.8270, 14.4629, 4.5534** is the 20% darker color. If you saturate the color by 10%, you get **46.0572, 29.0492, 9.2255**, and if you desaturate by 10%, it is **53.5774, 40.2647, 23.5236**.

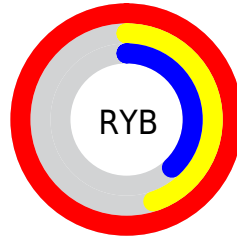
Distribution



Red (100%)

Green (44%)

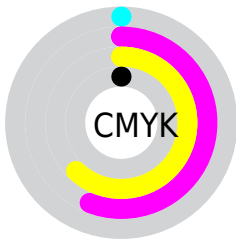
Blue (38%)



Red (100%)

Yellow (45%)

Blue (38%)

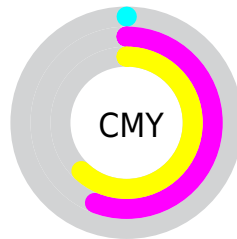


Cyan (0%)

Magenta (56%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3028, 33.9333, 15.2605 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 49.3028, 33.9333, 15.2605 by changing the saturation by 10% instead.


 49.3028, 33.9333,
15.2605


 49.3028, 33.9333,
15.2605

374.4304,
319.8345, 236.6324


 35.0753, 22.8424,
8.8538


 88.3390, 65.8299,
36.0583

 23.8876, 14.4772,
4.5504


 113.8784, 87.4044,
51.2864

 15.3746, 8.4533,
1.9319


 143.9192,
113.2422, 70.2921

 9.1707, 4.3863,
0.5129

 178.8266,
143.7277, 93.4938

 4.9107, 1.8919,
0.0000

218.9661,
179.2453, 121.3102

 2.2292, 0.5435,
0.0000

264.7030,

 0.7581, 0.0000,

220.1793, 154.1597

0.0000

316.4026,
266.9143, 192.4609

■ 0.0000, 0.0000,
0.0000

■ 49.3028, 33.9333,
15.2605

■ 49.3028, 33.9333,
15.2605

■ 46.0572, 29.0492,
9.2255

■ 53.5774, 40.2647,
23.5236

■ 43.7506, 25.4924,
5.1995

■ 58.9561, 48.1398,
34.2020

■ 42.2809, 23.1330,
2.9221

■ 65.5096, 57.6533,
47.4652

■ 41.6055, 21.9914,
2.0519

■ 73.3022, 68.8904,
63.4671

■ 82.3933, 81.9308,
82.3493

92.8387, 96.8489,
104.2437

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.



53.3502, 33.9333, 33.6031



49.3028, 33.9333, 15.2605



40.6901, 33.9333, 7.5489

Triad

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



49.3028, 33.9333, 15.2605



18.8168, 33.9333, 18.8213



33.4726, 33.9333, 114.1921

Complementary

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



49.3028, 33.9333, 15.2605



53.8439, 71.4897, 105.5683

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.



25.0704, 33.9333, 103.7976



49.3028, 33.9333, 15.2605



17.6110, 33.9333, 40.5070

Square

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



49.3028, 33.9333, 15.2605



23.3471, 33.9333, 8.8104



19.6707, 33.9333, 73.0812



43.1758, 33.9333, 97.0774

Rectangle

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



49.3028, 33.9333, 15.2605



34.1717, 33.9333, 5.9777



19.6707, 33.9333, 73.0812



30.4067, 33.9333, 113.8324

Sweetspot

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



49.3036, 33.9352, 15.2611



75.8559, 72.5598, 68.7508



61.1241, 36.0533, 85.5534



15.7078, 14.7714, 13.6219



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.



49.3036, 33.9352, 15.2611



45.5138, 28.2199, 8.2489



62.2033, 59.7345, 19.5610



18.1574, 18.2830, 18.7163



21.7881, 11.5874, 1.0882



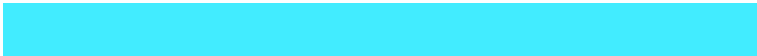
2.1682, 1.2218, 0.1216

Inverse Universe

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



53.8439, 71.4897, 105.5683



50.2785, 68.3116, 105.1433



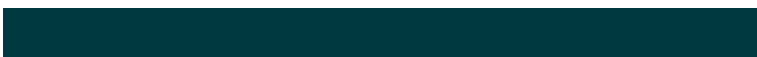
35.5854, 34.9726, 99.4821



18.3884, 20.1483, 23.1698



24.1600, 33.2295, 54.5752



2.3959, 3.3225, 5.3283

Previews

White Background



This preview shows how the XYZ color 49.3028, 33.9333, 15.2605 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 49.3028, 33.9333, 15.2605 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 49.3028, 33.9333, 15.2605

Background



This preview shows how black text looks on a background with the XYZ color 49.3028, 33.9333, 15.2605.



This preview shows how white text looks on a background with the XYZ color 49.3028, 33.9333,

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

49.3028, 33.9333, 15.2605

Protanopia

31.8989, 34.2376, 21.1469

Deuteranopia

34.6503, 34.0779, 14.4243



Tritanopia

50.1945, 33.9369, 21.0445

Trichromacy



Original Color

49.3028, 33.9333, 15.2605

Protanomaly

36.4672, 32.8462, 18.6053

Deuteranomaly

38.9458, 33.1287, 14.6977

Tritanomaly

49.8486, 33.9741, 18.6822

Monochromacy



Original Color

49.3028, 33.9333, 15.2605

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.9521, 31.2351, 26.3771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3028, 33.9333, 15.2605 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, 113, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 97)  
}
```

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, 113, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 97) }
```

Border

The CSS property to change the border of an element to XYZ 49.3028, 33.9333, 15.2605 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, 113, 97) }
```


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

```
.border{ border-color:rgb(255, 113, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3028, 33.9333, 15.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 97) }
```

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

```
.background{ background-color: rgb(255,  
113, 97) }
```

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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