

Converting Colors

XYZ(49.9104, 33.6497, 20.0841)

Have a look what the booklet for
XYZ(49.9104, 33.6497, 20.0841)
contains.

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Color

**XYZ(49.9104, 33.6497,
20.0841)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF6E73 |
| RGB | 255, 110, 115 |
| RGB Percent | 100%, 43%, 45% |
| CMY | 0.0000, 0.5686, 0.5490 |
| CMYK | 0.00, 0.57, 0.55, 0.00 |
| HSL | 358°, 100%, 72% |
| HSV | 358°, 57%, 100% |
| XYZ | 49.9104, 33.6497, 20.0841 |
| YIQ | 153.9250, 84.8150, 32.2950 |

Conversions

Conversions Part 2

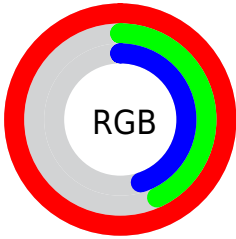
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 110, 115 |
| Decimal | 16739955 |
| CIE Lab | 64.68, 55.61, 25.26 |
| CIE LCh | 65, 61.080, 24.429 |
| Yxy | 33.6497, 0.4816, 0.3247 |
| Android (android.graphics.Color) | 4294930035 (0xFFFF6E73) |
| YUV | 153.9250, -19.1900, 88.6428 |
| Hunter-Lab | 58.0084, 52.0668, 20.0780 |

Details

The XYZ color **49.9104, 33.6497, 20.0841** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.4479, 81.7378, 103.0925**, and the grayscale version is **30.7390, 32.3398, 35.2181**.

A 20% lighter version of the original color is **61.8513, 51.3225, 43.2055**, and **24.3246, 14.3810, 6.8040** is the 20% darker color. If you saturate the color by 10%, you get **46.3114, 28.4245, 12.8032**, and if you desaturate by 10%, it is **54.6808, 40.6126, 29.6224**.

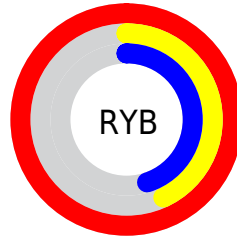
Distribution



Red (100%)

Green (43%)

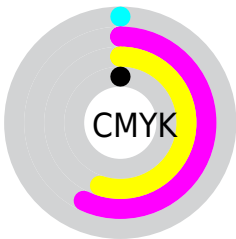
Blue (45%)



Red (100%)

Yellow (43%)

Blue (45%)

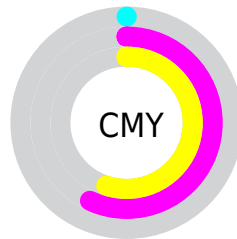


Cyan (0%)

Magenta (57%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9104, 33.6497, 20.0841 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 49.9104, 33.6497, 20.0841 by changing the saturation by 10% instead.


 49.9104, 33.6497,
20.0841


 49.9104, 33.6497,
20.0841

376.7732,
318.5672, 264.9893

 35.5597, 22.6246,
12.2715


 89.2347, 65.3886,
44.4190


 24.2629, 14.3166,
6.8041


 114.9391, 86.8711,
61.7783

 15.6545, 8.3412,
3.2633


 145.1587,
112.6083, 83.1570

 9.3693, 4.3140,
1.2306

 180.2589,
142.9845, 108.9736

 5.0419, 1.8507,
0.0039

220.6052,
178.3841, 139.6465

 2.3069, 0.5185,
0.0000

266.5627,

 0.7982, 0.0000,

219.1915, 175.5944

0.0000

318.4969,
265.7911, 217.2359

■ 0.0000, 0.0000,
0.0000

■ 49.9104, 33.6497,
20.0841

■ 49.9104, 33.6497,
20.0841

■ 46.3114, 28.4245,
12.8032

■ 54.6808, 40.6126,
29.6224

■ 43.7804, 24.7792,
7.5921

■ 60.7092, 49.4420,
41.5815

■ 42.2004, 22.5371,
4.2361

■ 68.0769, 60.2609,
56.1119

■ 41.4241, 21.4727,
2.4719

■ 76.8579, 73.1802,
73.3510

■ 41.2878, 21.2791,
2.1833

■ 87.1204, 88.3029,
93.4269

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



51.8579, 33.6497, 41.5263



49.9104, 33.6497, 20.0841



42.8215, 33.6497, 9.7336

Triad

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



49.9104, 33.6497, 20.0841



20.1408, 33.6497, 15.1245



30.3749, 33.6497, 108.7224

Complementary

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



49.9104, 33.6497, 20.0841



59.4479, 81.7378, 103.0925

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.



23.1476, 33.6497, 91.5848



49.9104, 33.6497, 20.0841



17.9718, 33.6497, 32.1506

Square

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



49.9104, 33.6497, 20.0841



25.5076, 33.6497, 7.9230



18.9627, 33.6497, 60.4426



39.4709, 33.6497, 100.4877

Rectangle

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



49.9104, 33.6497, 20.0841



36.7231, 33.6497, 7.0395



18.9627, 33.6497, 60.4426



27.6695, 33.6497, 105.5665

Sweetspot

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



49.9112, 33.6515, 20.0847



76.7244, 72.9835, 73.0890



62.2496, 38.2846, 98.7159



16.0205, 15.0301, 14.8566



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.



49.9112, 33.6515, 20.0847



45.9709, 27.9319, 12.1078



59.4343, 53.1451, 21.8800



18.0347, 17.9972, 18.8000



21.5849, 11.1232, 1.1984



2.1102, 1.0864, 0.1615

Inverse Universe

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



49.9112, 33.6515, 20.0847



45.9709, 27.9319, 12.1078



42.8416, 47.2559, 101.4705



18.0347, 17.9972, 18.8000



21.5849, 11.1232, 1.1984



2.1102, 1.0864, 0.1615

Previews

White Background



This preview shows how the XYZ color 49.9104, 33.6497, 20.0841 looks on a white background.

Color Contrast Check

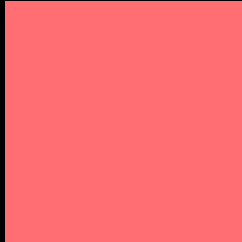
Large Text (above 18pt) WCAG AA × Fail

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 49.9104, 33.6497, 20.0841 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 49.9104, 33.6497, 20.0841

Background



This preview shows how black text looks on a background with the XYZ color 49.9104, 33.6497, 20.0841.



This preview shows how white text looks on a background with the XYZ color 49.9104, 33.6497,

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

49.9104, 33.6497, 20.0841

Protanopia

32.0894, 33.9194, 28.5227

Deuteranopia

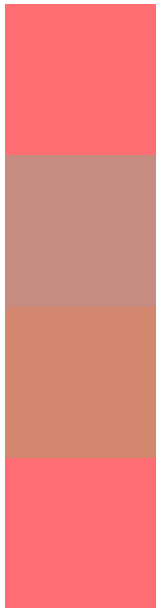
34.3522, 33.5868, 18.8597



Tritanopia

50.0268, 33.6962, 20.6969

Trichromacy



Original Color

49.9104, 33.6497, 20.0841

Protanomaly

36.6292, 32.3469, 25.0819

Deuteranomaly

38.6846, 32.4727, 19.2679

Tritanomaly

49.9683, 33.6728, 20.3889

Monochromacy



Original Color

49.9104, 33.6497, 20.0841

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

35.3080, 31.1468, 28.9619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9104, 33.6497, 20.0841 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, 110, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 115)  
}
```

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, 110, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 115) }
```

Border

The CSS property to change the border of an element to XYZ 49.9104, 33.6497, 20.0841 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, 110, 115) }
```


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

```
.border{ border-color:rgb(255, 110, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9104, 33.6497, 20.0841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 115) }
```

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

```
.background{ background-color: rgb(255,  
110, 115) }
```

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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