

Converting Colors

XYZ(50.1061, 33.8157, 20.8457)

Have a look what the booklet for
XYZ(50.1061, 33.8157, 20.8457)
contains.

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Color

**XYZ(50.1353, 33.9132,
20.7331)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F75
RGB	255, 111, 117
RGB Percent	100%, 44%, 46%
CMY	0.0000, 0.5647, 0.5412
CMYK	0.00, 0.56, 0.54, 0.00
HSL	358°, 100%, 72%
HSV	358°, 56%, 100%
XYZ	50.1353, 33.9132, 20.7331
YIQ	154.7400, 83.8980, 32.3940

Conversions

Conversions Part 2

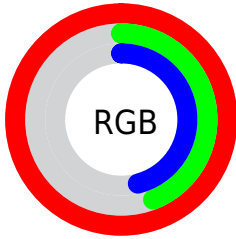
Format	Color
R _Y B	255, 111, 117
Decimal	16740213
CIE Lab	64.89, 55.31, 24.41
CIE LCh	65, 60.458, 23.813
Yxy	33.9132, 0.4785, 0.3237
Android (android.graphics.Color)	4294930293 (0xFFFF6F75)
YUV	154.7400, -18.6058, 87.9280
Hunter-Lab	58.2350, 51.7616, 19.6558

Details

The XYZ color **50.1353, 33.9132, 20.7331** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.4165, 81.7398, 102.2742**, and the grayscale version is **31.0956, 32.7150, 35.6267**.

A 20% lighter version of the original color is **62.2201, 51.7620, 44.2478**, and **24.4327, 14.4995, 7.1412** is the 20% darker color. If you saturate the color by 10%, you get **46.4849, 28.6199, 13.3287**, and if you desaturate by 10%, it is **54.9563, 40.9480, 30.3784**.

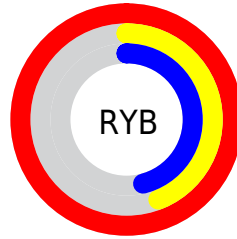
Distribution



Red (100%)

Green (44%)

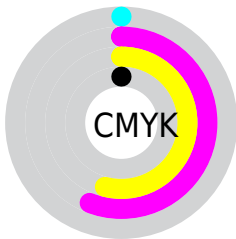
Blue (46%)



Red (100%)

Yellow (44%)

Blue (46%)

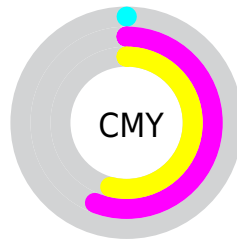


Cyan (0%)

Magenta (56%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1353, 33.9132, 20.7331 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 50.1353, 33.9132, 20.7331 by changing the saturation by 10% instead.


 50.1353, 33.9132,
20.7331


 50.1353, 33.9132,
20.7331

377.6381,
319.7448, 268.5909


 35.7392, 22.8269,
12.7397


 89.5659, 65.7987,
45.5179

 24.4020, 14.4658,
7.1209


 115.3311, 87.3666,
63.1464

 15.7584, 8.4453,
3.4583


 145.6167,
113.1973, 84.8237

 9.4431, 4.3812,
1.3331

180.7881,
143.6751, 110.9684

 5.0907, 1.8890,
0.0887

221.2105,
179.1843, 141.9989

 2.3359, 0.5418,
0.0000


267.2494,


 0.8129, 0.0000,


220.1094, 178.3338


0.0000


319.2702,
266.8348, 220.3916


 0.0000, 0.0000,
0.0000


 50.1353, 33.9132,
20.7331


 50.1353, 33.9132,
20.7331

 46.4849, 28.6199,
13.3287

 54.9563, 40.9480,
30.3784


 43.9033, 24.9114,
7.9830


 61.0334, 49.8523,
42.4236

 42.2752, 22.6128,
4.4885

 68.4472, 60.7483,
57.0152

 41.4573, 21.5033,
2.5927

 77.2706, 73.7464,
74.2875

 41.2980, 21.2832,
2.2364

 87.5713, 88.9489,
94.3656

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.



51.9416, 33.9132, 42.3469



50.1353, 33.9132, 20.7331



43.1814, 33.9132, 10.1473

Triad

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



50.1353, 33.9132, 20.7331



20.5063, 33.9132, 15.2108



30.4599, 33.9132, 108.1952

Complementary

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



50.1353, 33.9132, 20.7331



59.4165, 81.7398, 102.2742

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.



23.3126, 33.9132, 90.8226



50.1353, 33.9132, 20.7331



18.2724, 33.9132, 31.9881

Square

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



50.1353, 33.9132, 20.7331



25.9267, 33.9132, 8.1131



19.1984, 33.9132, 59.9047



39.4881, 33.9132, 100.5833

Rectangle

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



50.1353, 33.9132, 20.7331



37.1374, 33.9132, 7.3436



19.1984, 33.9132, 59.9047



27.7814, 33.9132, 104.9038

Sweetspot

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



50.1361, 33.9150, 20.7337



76.7641, 72.9994, 73.2977



62.3758, 38.5106, 98.7531



16.0297, 15.0338, 14.9050



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.



50.1361, 33.9150, 20.7337



46.0227, 27.9526, 12.3805



59.5966, 53.3819, 22.2041



18.0400, 17.9993, 18.8278



21.5924, 11.1263, 1.2381



2.1127, 1.0874, 0.1747

Inverse Universe

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



50.1361, 33.9150, 20.7337



46.0227, 27.9526, 12.3805



43.0641, 47.5152, 101.5090



18.0400, 17.9993, 18.8278



21.5924, 11.1263, 1.2381



2.1127, 1.0874, 0.1747

Previews

White Background



This preview shows how the XYZ color 50.1353, 33.9132, 20.7331 looks on a white background.

Color Contrast Check

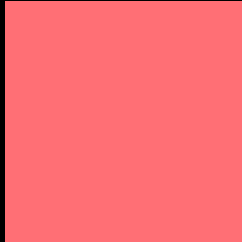
Large Text (above 18pt) WCAG AA × Fail

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 50.1353, 33.9132, 20.7331 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 50.1353, 33.9132, 20.7331

Background



This preview shows how black text looks on a background with the XYZ color 50.1353, 33.9132, 20.7331.



This preview shows how white text looks on a background with the XYZ color 50.1353, 33.9132,

20.7331.

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

50.1353, 33.9132, 20.7331

Protanopia

32.2342, 33.9774, 29.2855

Deuteranopia

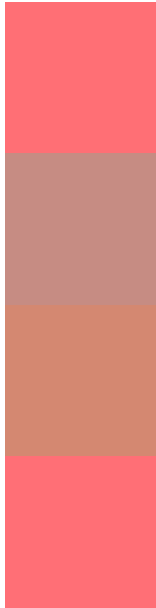
34.6201, 33.9504, 19.4803



Tritanopia

50.1945, 33.9369, 21.0445

Trichromacy



Original Color

50.1353, 33.9132, 20.7331

Protanomaly

36.7635, 32.4006, 25.7890

Deuteranomaly

38.9362, 32.7976, 19.9012

Tritanomaly

50.1945, 33.9369, 21.0445

Monochromacy



Original Color

50.1353, 33.9132, 20.7331

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.5262, 31.4647, 29.4002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1353, 33.9132, 20.7331 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, 111, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 117)  
}
```

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, 111, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 117) }
```

Border

The CSS property to change the border of an element to XYZ 50.1353, 33.9132, 20.7331 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, 111, 117) }
```


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

```
.border{ border-color:rgb(255, 111, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1353, 33.9132, 20.7331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 117) }
```

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

```
.background{ background-color: rgb(255,  
111, 117) }
```

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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