

Converting Colors

XYZ(73.1874, 47.5346, 21.5782)

Have a look what the booklet for
XYZ(73.1874, 47.5346, 21.5782)
contains.

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Color

**XYZ(51.1719, 36.1725,
20.5046)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7973
RGB	255, 121, 115
RGB Percent	100%, 47%, 45%
CMY	0.0000, 0.5255, 0.5490
CMYK	0.00, 0.53, 0.55, 0.00
HSL	3°, 100%, 73%
HSV	3°, 55%, 100%
XYZ	51.1719, 36.1725, 20.5046
YIQ	160.3820, 81.7900, 26.5420

Conversions

Conversions Part 2

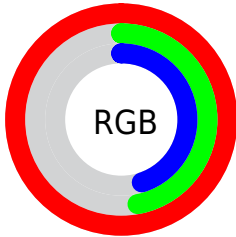
Format	Color
R _Y B	255, 121, 115
Decimal	16742771
CIE Lab	66.65, 50.50, 27.87
CIE LCh	67, 57.677, 28.889
Yxy	36.1725, 0.4745, 0.3354
Android (android.graphics.Color)	4294932851 (0xFFFF7973)
YUV	160.3820, -22.3733, 82.9800
Hunter-Lab	60.1436, 46.6217, 21.8869

Details

The XYZ color **51.1719, 36.1725, 20.5046** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.9938, 78.6118, 106.6718**, and the grayscale version is **33.6647, 35.4179, 38.5701**.

A 20% lighter version of the original color is **63.7404, 55.1007, 43.8352**, and **25.0126, 15.7570, 7.0333** is the 20% darker color. If you saturate the color by 10%, you get **47.3022, 30.4657, 12.9493**, and if you desaturate by 10%, it is **56.1993, 43.5457, 30.4482**.

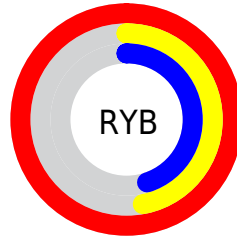
Distribution



Red (100%)

Green (47%)

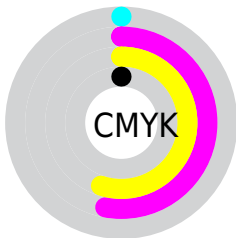
Blue (45%)



Red (100%)

Yellow (47%)

Blue (45%)

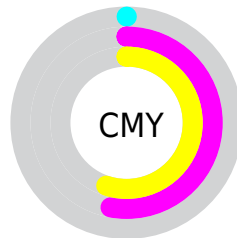


Cyan (0%)

Magenta (53%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1719, 36.1725, 20.5046 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 51.1719, 36.1725, 20.5046 by changing the saturation by 10% instead.


 51.1719, 36.1725,
20.5046


 51.1719, 36.1725,
20.5046

381.6080,
329.7139, 267.3279

 36.5670, 24.5675,
12.5747


 91.0903, 69.2982,
45.1316

 25.0446, 15.7551,
7.0091


 117.1345, 91.5877,
62.6658

 16.2392, 9.3510,
3.3892


 147.7226,
118.2074, 84.2384

 9.7855, 4.9708,
1.2966

183.2199,
149.5418, 110.2681

 5.3181, 2.2302,
0.0590

223.9917,
185.9753, 141.1733

 2.4718, 0.7364,
0.0000

270.4034,

 0.8810, 0.0000,

227.8922, 177.3727

0.0000

322.8204,
275.6769, 219.2847

■ 0.0000, 0.0000,
0.0000

■ 51.1719, 36.1725,
20.5046

■ 51.1719, 36.1725,
20.5046

■ 47.3022, 30.4657,
12.9493

■ 56.1993, 43.5457,
30.4482

■ 44.4954, 26.2903,
7.5800

■ 62.4638, 52.6950,
42.9558

■ 42.6463, 23.4999,
4.1646

■ 70.0411, 63.7276,
58.1889

■ 41.6266, 21.9172,
2.4173

■ 78.9998, 76.7406,
76.2949

■ 41.3589, 21.4979,
1.9697

■ 89.4040, 91.8243,
97.4111

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



53.9247, 36.1725, 40.3201



51.1719, 36.1725, 20.5046



43.7509, 36.1725, 10.9903

Triad

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



51.1719, 36.1725, 20.5046



21.9742, 36.1725, 19.4829



34.0582, 36.1725, 109.1597

Complementary

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



51.1719, 36.1725, 20.5046



58.9938, 78.6118, 106.6718

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.



26.4544, 36.1725, 96.1587



51.1719, 36.1725, 20.5046



20.2420, 36.1725, 38.4659

Square

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



51.1719, 36.1725, 20.5046



26.9280, 36.1725, 10.5992



21.7348, 36.1725, 67.3025



43.0958, 36.1725, 97.8495

Rectangle

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



51.1719, 36.1725, 20.5046



37.7003, 36.1725, 8.6287



21.7348, 36.1725, 67.3025



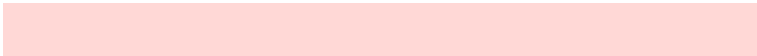
31.2623, 36.1725, 107.4181

Sweetspot

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



51.1728, 36.1744, 20.5052



77.9464, 75.2117, 74.1614



64.6783, 40.4447, 95.1142



16.2711, 15.4994, 15.0385



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.



51.1728, 36.1744, 20.5052



46.9438, 29.9346, 12.2564



62.6759, 59.1806, 24.3396



18.0719, 18.1119, 18.6878



21.6379, 11.2869, 1.0382



2.1278, 1.1410, 0.1081

Inverse Universe

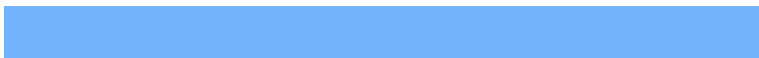
The Inverse Universe completely reimagines the original color for something new.



58.9938, 78.6118, 106.6718



55.4520, 76.2307, 106.3991



41.5090, 43.6423, 100.8435



18.4841, 20.3399, 23.2017



26.3741, 37.6578, 55.3132



2.5878, 3.7064, 5.3923

Previews

White Background



This preview shows how the XYZ color 51.1719, 36.1725, 20.5046 looks on a white background.

Color Contrast Check

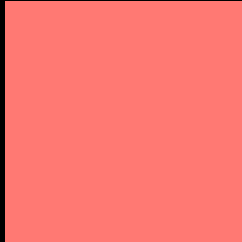
Large Text (above 18pt) WCAG AA × Fail

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 51.1719, 36.1725, 20.5046 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 51.1719, 36.1725, 20.5046

Background



This preview shows how black text looks on a background with the XYZ color 51.1719, 36.1725, 20.5046.



This preview shows how white text looks on a background with the XYZ color 51.1719, 36.1725,

20.5046.

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

51.1719, 36.1725, 20.5046

Protanopia

34.1672, 36.3048, 27.3970

Deuteranopia

36.9873, 36.1489, 19.4960



Tritanopia

51.8528, 36.2515, 24.6864

Trichromacy



Original Color

51.1719, 36.1725, 20.5046

Protanomaly

38.5567, 34.9304, 24.4487

Deuteranomaly

41.3070, 35.5443, 19.7226

Tritanomaly

51.5316, 36.1230, 22.9953

Monochromacy



Original Color

51.1719, 36.1725, 20.5046

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.8186, 34.1735, 30.9884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1719, 36.1725, 20.5046 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, 121, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 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, 121, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 115) }
```

Border

The CSS property to change the border of an element to XYZ 51.1719, 36.1725, 20.5046 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, 121, 115) }
```


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

```
.border{ border-color:rgb(255, 121, 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, 121, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1719, 36.1725, 20.5046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 115) }
```

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

```
.background{ background-color: rgb(255,  
121, 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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