

Converting Colors

XYZ(49.3178, 36.8043, 20.0016)

Have a look what the booklet for
XYZ(49.3178, 36.8043, 20.0016)
contains.

XYZ(49.1887, 36.6669, 20.1077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.1887, 36.6669,
20.1077)**

Conversions

Conversions Part 1

Format	Color
Hex	F78171
RGB	247, 129, 113
RGB Percent	97%, 51%, 44%
CMY	0.0314, 0.4941, 0.5569
CMYK	0.00, 0.48, 0.54, 0.03
HSL	7°, 89%, 71%
HSV	7°, 54%, 97%
XYZ	49.1887, 36.6669, 20.1077
YIQ	162.4580, 75.4640, 20.0400

Conversions

Conversions Part 2

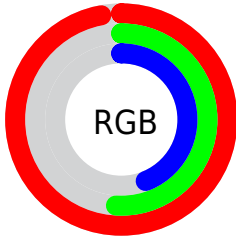
Format	Color
R _Y B	247, 131, 113
Decimal	16220529
CIE Lab	67.03, 43.56, 29.26
CIE LCh	67, 52.473, 33.886
Yxy	36.6669, 0.4642, 0.3460
Android (android.graphics.Color)	4294410609 (0xFFFF78171)
YUV	162.4580, -24.3828, 74.1433
Hunter-Lab	60.5532, 39.0314, 22.6990

Details

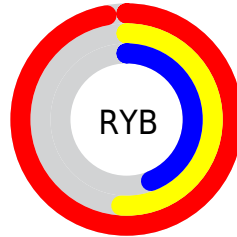
The XYZ color **49.1887, 36.6669, 20.1077** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **52.1728, 67.3744, 98.2502**, and the grayscale version is **34.6447, 36.4489, 39.6929**.

A 20% lighter version of the original color is **65.1720, 58.2576, 43.4072**, and **23.7883, 15.9896, 6.8336** is the 20% darker color. If you saturate the color by 10%, you get **45.4162, 31.0529, 12.8982**, and if you desaturate by 10%, it is **53.9510, 43.6555, 29.5143**.

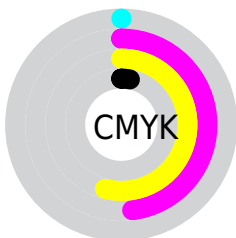
Distribution



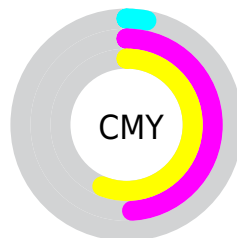
- Red (97%)
- Green (51%)
- Blue (44%)



- Red (97%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (48%)
- Yellow (54%)
- Black (3%)





- Cyan (3%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1887, 36.6669, 20.1077 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 49.1887, 36.6669, 20.1077 by changing the saturation by 10% instead.


 49.1887, 36.6669,
20.1077


 49.1887, 36.6669,
20.1077


373.9894,
331.8661, 265.1211

 34.9843, 24.9497,
12.2885


 88.1707, 70.0602,
44.4590


 23.8173, 16.0396,
6.8156


 113.6790, 92.5050,
61.8282

 15.3221, 9.5522,
3.2703


 143.6861,
119.2946, 83.2178

 9.1336, 5.1031,
1.2343

 178.5572,
150.8132, 109.0464

 4.8862, 2.3079,
0.0070

218.6577,
187.4452, 139.7325

 2.2147, 0.7779,
0.0000

264.3530,

 0.7505, 0.0000,

229.5751, 175.6946

0.0000

316.0084,
277.5873, 217.3513

■ 0.0000, 0.0000,
0.0000

■ 49.1887, 36.6669,
20.1077

■ 49.1887, 36.6669,
20.1077

■ 45.4162, 31.0529,
12.8982

■ 53.9510, 43.6555,
29.5143

■ 42.5604, 26.7171,
7.7049

■ 59.7641, 52.0952,
41.2752

■ 40.5421, 23.5596,
4.3215

■ 66.6870, 62.0639,
55.5352

■ 39.2666, 21.4629,
2.4958

■ 74.7736, 73.6321,
72.4273

■ 38.8095, 20.6777,
1.9457

■ 84.0742, 86.8660,
92.0747

92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



52.4919, 36.6669, 37.0218



49.1887, 36.6669, 20.1077



42.0432, 36.6669, 12.0539

Triad

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



49.1887, 36.6669, 20.1077



22.8185, 36.6669, 23.5498



35.9001, 36.6669, 101.6989

Complementary

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



49.1887, 36.6669, 20.1077



52.1728, 67.3744, 98.2502

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.



28.5293, 36.6669, 93.7450



49.1887, 36.6669, 20.1077



21.6845, 36.6669, 42.9741

Square

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



49.1887, 36.6669, 20.1077



26.9834, 36.6669, 13.4432



23.6109, 36.6669, 69.7457



44.1156, 36.6669, 88.5861

Rectangle

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



49.1887, 36.6669, 20.1077



36.5091, 36.6669, 10.2478



23.6109, 36.6669, 69.7457



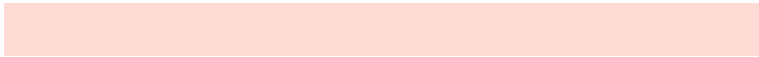
33.2434, 36.6669, 101.4217

Sweetspot

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



49.1896, 36.6688, 20.1084



78.7539, 76.8267, 74.4306



58.7386, 37.3749, 79.9912



16.4605, 15.8782, 15.1017



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.



49.1896, 36.6688, 20.1084



48.5275, 32.9332, 13.3054



60.9958, 60.2812, 24.0437



16.6585, 16.8012, 17.1625



20.5776, 11.0408, 1.0465



1.8590, 1.0712, 0.1088

Inverse Universe

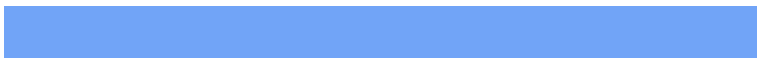
The Inverse Universe completely reimagines the original color for something new.



52.1728, 67.3744, 98.2502



51.9598, 68.8882, 105.1659



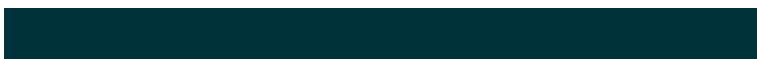
36.9400, 36.9088, 93.1726



16.8179, 18.4000, 21.2077



22.1390, 30.0719, 51.1756



1.9925, 2.7365, 4.5134

Previews

White Background



This preview shows how the XYZ color 49.1887, 36.6669, 20.1077 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 49.1887, 36.6669, 20.1077 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 49.1887, 36.6669, 20.1077

Background



This preview shows how black text looks on a background with the XYZ color 49.1887, 36.6669, 20.1077.



This preview shows how white text looks on a background with the XYZ color 49.1887, 36.6669,

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

49.1887, 36.6669, 20.1077

Protanopia

34.4490, 36.7516, 25.7002

Deuteranopia

37.3602, 36.5954, 19.2819



Tritanopia

50.5454, 36.6274, 27.3274

Trichromacy



Original Color

49.1887, 36.6669, 20.1077

Protanomaly

38.7292, 35.9808, 23.6426

Deuteranomaly

41.1177, 36.1306, 19.5586

Tritanomaly

50.1315, 36.6675, 24.5140

Monochromacy



Original Color

49.1887, 36.6669, 20.1077

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.9327, 35.1638, 31.1736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1887, 36.6669, 20.1077 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(247, 129, 113)` looks like.

```
.text, #text, p{  
    color:rgb(247, 129, 113)  
}
```

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(247, 129, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 129, 113) }
```

Border

The CSS property to change the border of an element to XYZ 49.1887, 36.6669, 20.1077 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(247, 129, 113) }
```


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

```
.border{ border-color:rgb(247, 129, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 129, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 129, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 129, 113);  
box-shadow:4px 4px 4px 4px rgb(247, 129,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1887, 36.6669, 20.1077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 129, 113) }
```

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

```
.background{ background-color: rgb(247,  
129, 113) }
```

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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