

Converting Colors

XYZ(61.8944, 62.0166, 36.3126)

Have a look what the booklet for
XYZ(61.8944, 62.0166, 36.3126)
contains.

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Color

**XYZ(61.8559, 61.9404,
36.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C893
RGB	240, 200, 147
RGB Percent	94%, 78%, 58%
CMY	0.0588, 0.2157, 0.4235
CMYK	0.00, 0.17, 0.39, 0.06
HSL	34°, 76%, 76%
HSV	34°, 39%, 94%
XYZ	61.8559, 61.9404, 36.2993
YIQ	205.9180, 40.8530, -8.0030

Conversions

Conversions Part 2

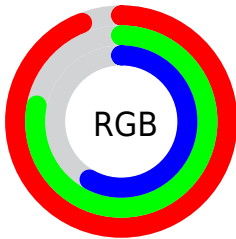
Format	Color
RYB	217, 240, 147
Decimal	15779987
CIELab	82.88, 7.08, 31.81
CIElCh	83, 32.586, 77.449
Yxy	61.9404, 0.3864, 0.3869
Android (android.graphics.Color)	4293970067 (0xFFFF0C893)
YUV	205.9180, -29.0466, 29.8899
Hunter-Lab	78.7022, 2.5629, 27.7456

Details

The XYZ color **61.8559, 61.9404, 36.2993** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.5305, 48.0333, 89.3096**, and the grayscale version is **58.7768, 61.8377, 67.3413**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **31.6816, 31.3474, 15.4472** is the 20% darker color. If you saturate the color by 10%, you get **57.8557, 56.6460, 26.6240**, and if you desaturate by 10%, it is **66.4135, 67.7206, 48.1000**.

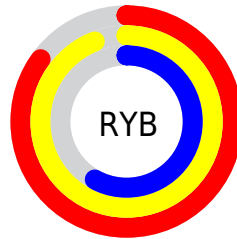
Distribution



Red (94%)

Green (78%)

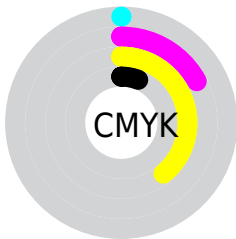
Blue (58%)



Red (85%)

Yellow (94%)

Blue (58%)

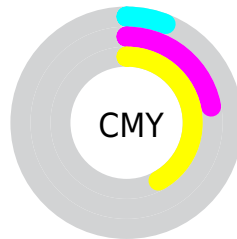


Cyan (0%)

Magenta (17%)

Yellow (39%)

Black (6%)



Cyan (6%)


Magenta (22%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8559, 61.9404, 36.2993 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 61.8559, 61.9404, 36.2993 by changing the saturation by 10% instead.


 61.8559, 61.9404,
36.2993


 61.8559, 61.9404,
36.2993


421.1312,
431.7137, 345.3437

 45.1714, 44.9845,
24.3739

 106.6084,
107.6394, 70.6680

 31.7943, 31.4453,
15.3965

 135.4070,
137.1513, 93.9484

 21.3592, 20.9381,
8.9484


168.9745,
171.6174, 121.8509

 13.5008, 13.0788,
4.6112

207.6762,
211.4220, 154.7941

 7.8537, 7.4828,
1.9663

251.8773,
256.9495, 193.1964

 4.0525, 3.7658,
0.5344

301.9433,

 1.7319, 1.5435,

308.5844, 237.4764

0.0000

358.2395,
366.7110, 288.0527

■ 0.4761, 0.3190,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8559, 61.9404,
36.2993

■ 61.8559, 61.9404,
36.2993

■ 57.8557, 56.6460,
26.6240

■ 66.4135, 67.7206,
48.1000

■ 54.3805, 51.8124,
18.9395

■ 71.5494, 73.9930,
62.1419

■ 51.4011, 47.4251,
13.1018

■ 77.2890, 80.7747,
78.5366

■ 48.8830, 43.4649,
8.9453

■ 83.6546, 88.0794,
97.3874

■ 46.7858, 39.9100,
6.2745

■ 88.6738, 95.1226,
108.2946

■ 45.0514, 36.7315,
4.8016

■ 89.7451, 97.2652,
108.6517

■ 44.8507, 36.3564,
4.6536

Harmonies

Analogous

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



68.4842, 61.9404, 42.7770



61.8559, 61.9404, 36.2993



54.9156, 61.9404, 36.8682

Triad

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



61.8559, 61.9404, 36.2993



46.9074, 61.9404, 79.7158



69.3907, 61.9404, 97.1203

Complementary

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



61.8559, 61.9404, 36.2993



45.5305, 48.0333, 89.3096

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.



63.0150, 61.9404, 111.4709



61.8559, 61.9404, 36.2993



50.2050, 61.9404, 100.1308

Square

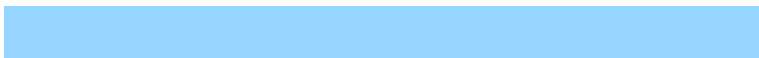
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.8559, 61.9404, 36.2993



46.6512, 61.9404, 59.3829



55.9866, 61.9404, 112.6709



73.0610, 61.9404, 76.2003

Rectangle

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



61.8559, 61.9404, 36.2993



51.0377, 61.9404, 41.1641



55.9866, 61.9404, 112.6709



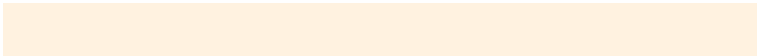
67.4707, 61.9404, 103.0385

Sweetspot

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



61.8575, 61.9433, 36.3006



86.4535, 90.0729, 83.6350



55.3711, 42.9940, 52.5632



18.3178, 19.0592, 17.3655



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.



61.8575, 61.9433, 36.3006



67.5308, 66.5364, 33.2146



70.2927, 81.8853, 39.7052



16.5206, 17.2544, 16.6094



24.6868, 20.1716, 2.5924



2.1523, 1.8753, 0.2485

Inverse Universe

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



45.5305, 48.0333, 89.3096



46.4958, 48.6260, 101.5429



39.3372, 33.9512, 86.9179



15.4563, 16.3466, 20.0622



11.4027, 9.0297, 46.2698



1.0455, 0.9450, 3.8815

Previews

White Background



This preview shows how the XYZ color 61.8559, 61.9404, 36.2993 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 61.8559, 61.9404, 36.2993 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 61.8559, 61.9404, 36.2993

Background



This preview shows how black text looks on a background with the XYZ color 61.8559, 61.9404, 36.2993.



This preview shows how white text looks on a background with the XYZ color 61.8559, 61.9404,

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

61.8559, 61.9404, 36.2993

Protanopia

57.7005, 61.8742, 37.7559

Deuteranopia

63.1167, 61.9072, 36.2264



Tritanopia

68.1182, 61.7971, 67.3693

Trichromacy



Original Color

61.8559, 61.9404, 36.2993

Protanomaly

59.3308, 62.0137, 37.2765

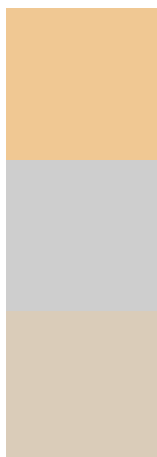
Deuteranomaly

62.6520, 62.0081, 36.2704

Tritanomaly

65.5803, 61.7661, 54.3645

Monochromacy



Original Color

61.8559, 61.9404, 36.2993

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.2633, 61.5939, 54.6643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8559, 61.9404, 36.2993 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(240, 200, 147)` looks like.

```
.text, #text, p{  
    color:rgb(240, 200, 147)  
}
```

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(240, 200, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 200, 147) }
```

Border

The CSS property to change the border of an element to XYZ 61.8559, 61.9404, 36.2993 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(240, 200, 147) }
```


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

```
.border{ border-color:rgb(240, 200, 147) }
```

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

Here you see how a box with a 4 pixel rgb(240, 200, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 200, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 200, 147);  
box-shadow:4px 4px 4px 4px rgb(240, 200,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8559, 61.9404, 36.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 200, 147) }
```

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

```
.background{ background-color: rgb(240,  
200, 147) }
```

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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