

Converting Colors

XYZ(61.9697, 61.6553, 20.9485)

Have a look what the booklet for
XYZ(61.9697, 61.6553, 20.9485)
contains.

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Color

**XYZ(61.9674, 61.6517,
20.9459)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC665
RGB	250, 198, 101
RGB Percent	98%, 78%, 40%
CMY	0.0196, 0.2235, 0.6039
CMYK	0.00, 0.21, 0.60, 0.02
HSL	39°, 94%, 69%
HSV	39°, 60%, 98%
XYZ	61.9674, 61.6517, 20.9459
YIQ	202.4900, 62.1290, -19.1430

Conversions

Conversions Part 2

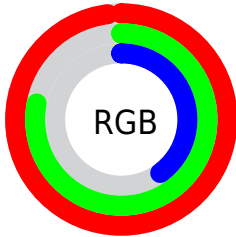
Format	Color
RYB	181, 250, 101
Decimal	16434789
CIELab	82.73, 8.00, 54.77
CIELCh	83, 55.348, 81.684
Yxy	61.6517, 0.4286, 0.4265
Android (android.graphics.Color)	4294624869 (0xFFFAAC665)
YUV	202.4900, -50.0346, 41.6663
Hunter-Lab	78.5186, 3.4658, 39.1466

Details

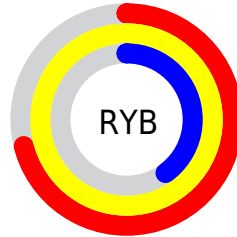
The XYZ color **61.9674, 61.6517, 20.9459** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.0130, 32.4501, 94.9129**, and the grayscale version is **56.7226, 59.6766, 64.9878**.

A 20% lighter version of the original color is **82.9164, 95.1466, 45.0053**, and **31.7628, 31.1154, 7.2375** is the 20% darker color. If you saturate the color by 10%, you get **58.9872, 57.3627, 14.8012**, and if you desaturate by 10%, it is **65.4378, 66.3254, 29.0928**.

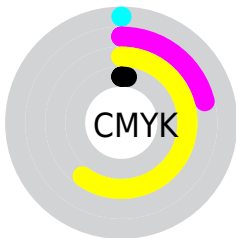
Distribution



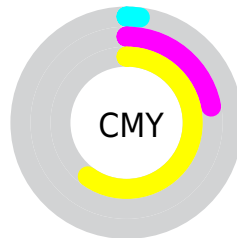
- Red (98%)
- Green (78%)
- Blue (40%)



- Red (71%)
- Yellow (98%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (60%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9674, 61.6517, 20.9459 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 61.9674, 61.6517, 20.9459 by changing the saturation by 10% instead.


 61.9674, 61.6517,
20.9459


 61.9674, 61.6517,
20.9459


421.5316,
430.6595, 269.7624


 45.2619, 44.7513,
12.8936


 106.7686,
107.2220, 45.8771


 31.8659, 31.2616,
7.2255


 135.5950,
136.6607, 63.5931

 21.4141, 20.7981,
3.5229


 169.1924,
171.0476, 85.3674

 13.5412, 12.9765,
1.3674

 207.9261,
210.7671, 111.6185

 7.8818, 7.4124,
0.1161

252.1615,
256.2037, 142.7651

 4.0706, 3.7213,
0.0000

302.2640,

 1.7422, 1.5189,

307.7417, 179.2255

0.0000

358.5989,
365.7655, 221.4185

■ 0.4824, 0.3020,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9674, 61.6517,
20.9459

■ 61.9674, 61.6517,
20.9459

■ 58.9872, 57.3627,
14.8012

■ 65.4378, 66.3254,
29.0928

■ 56.4561, 53.4315,
10.4701

■ 69.4266, 71.3909,
39.4000

■ 54.3318, 49.8408,
7.7341

■ 73.9645, 76.8657,
52.0140

■ 52.5466, 46.5600,
6.2463

■ 79.0783, 82.7634,
67.0671

■ 52.4790, 46.4335,
6.1966

■ 84.7929, 89.0967,
84.6818

■ 91.1315, 95.8778,
104.9721

■ 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



73.9475, 61.6517, 27.7437



61.9674, 61.6517, 20.9459



50.5494, 61.6517, 22.8139

Triad

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



61.9674, 61.6517, 20.9459



39.8163, 61.6517, 94.3466



78.4305, 61.6517, 116.4604

Complementary

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



61.9674, 61.6517, 20.9459



34.0130, 32.4501, 94.9129

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.



67.4588, 61.6517, 148.2121



61.9674, 61.6517, 20.9459



45.5348, 61.6517, 132.7275

Square

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



61.9674, 61.6517, 20.9459



38.7609, 61.6517, 58.0964



55.3532, 61.6517, 155.0032



84.2584, 61.6517, 77.0507

Rectangle

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



61.9674, 61.6517, 20.9459



44.6700, 61.6517, 29.1395



55.3532, 61.6517, 155.0032



75.1565, 61.6517, 128.8673

Sweetspot

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



61.9689, 61.6547, 20.9471



83.6225, 87.5914, 72.8860



49.8405, 31.9368, 33.7403



17.5453, 18.3491, 14.5345



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.



61.9689, 61.6547, 20.9471



61.0062, 58.9520, 14.1923



68.4186, 85.7474, 25.2575



18.1878, 19.1115, 18.1927



27.9766, 24.9098, 3.3335



2.6903, 2.5055, 0.3418

Inverse Universe

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



34.0130, 32.4501, 94.9129



29.4074, 26.0336, 98.0828



30.1281, 20.4470, 92.8008



16.7784, 17.6336, 21.9046



11.0921, 7.5398, 48.8443



1.1225, 0.8886, 4.5555

Previews

White Background



This preview shows how the XYZ color 61.9674, 61.6517, 20.9459 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 61.9674, 61.6517, 20.9459 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 61.9674, 61.6517, 20.9459

Background



This preview shows how black text looks on a background with the XYZ color 61.9674, 61.6517, 20.9459.



This preview shows how white text looks on a background with the XYZ color 61.9674, 61.6517,

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

61.9674, 61.6517, 20.9459

Protanopia

56.5649, 61.6361, 22.0124

Deuteranopia

62.9619, 61.4903, 20.8623



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

61.9674, 61.6517, 20.9459

Protanomaly

58.3962, 61.5240, 21.6295

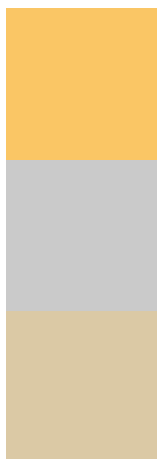
Deuteranomaly

62.8232, 61.7547, 20.9206

Tritanomaly

66.1492, 61.2985, 43.9427

Monochromacy



Original Color

61.9674, 61.6517, 20.9459

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8916, 59.5500, 44.0931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9674, 61.6517, 20.9459 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(250, 198, 101)` looks like.

```
.text, #text, p{  
    color:rgb(250, 198, 101)  
}
```

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(250, 198, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 198, 101) }
```

Border

The CSS property to change the border of an element to XYZ 61.9674, 61.6517, 20.9459 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(250, 198, 101) }
```


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

```
.border{ border-color:rgb(250, 198, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 198, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 198, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 198, 101);  
box-shadow:4px 4px 4px 4px rgb(250, 198,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9674, 61.6517, 20.9459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 198, 101) }
```

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

```
.background{ background-color: rgb(250,  
198, 101) }
```

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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