

Converting Colors

XYZ(122.0883, 100.0000,
61.5159)

Have a look what the booklet for
XYZ(122.0883, 100.0000, 61.5159)
contains.

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Color

**XYZ(76.1275, 76.1641,
59.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCBE
RGB	255, 220, 190
RGB Percent	100%, 86%, 75%
CMY	0.0000, 0.1372, 0.2549
CMYK	0.00, 0.14, 0.25, 0.00
HSL	28°, 100%, 87%
HSV	28°, 25%, 100%
XYZ	76.1275, 76.1641, 59.4040
YIQ	227.0450, 30.4900, -1.9100

Conversions

Conversions Part 2

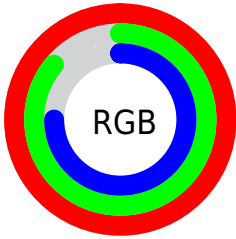
Format	Color
R _Y B	255, 246, 190
Decimal	16768190
CIE Lab	89.94, 7.72, 19.22
CIE LCh	90, 20.717, 68.112
Yxy	76.1641, 0.3596, 0.3598
Android (android.graphics.Color)	4294958270 (0xFFFFDCBE)
YUV	227.0450, -18.2632, 24.5165
Hunter-Lab	87.2720, 2.9797, 20.7331

Details

The XYZ color **76.1275, 76.1641, 59.4040** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.2097, 72.0154, 105.0185**, and the grayscale version is **73.1611, 76.9712, 83.8216**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **41.2592, 40.7222, 29.3525** is the 20% darker color. If you saturate the color by 10%, you get **70.1245, 68.2349, 44.8347**, and if you desaturate by 10%, it is **82.9178, 84.8870, 76.6431**.

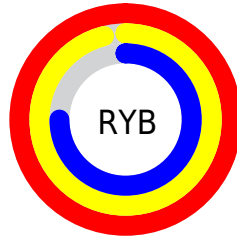
Distribution



Red (100%)

Green (86%)

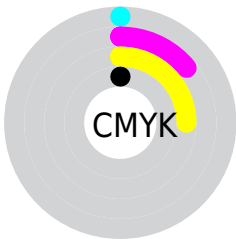
Blue (75%)



Red (100%)

Yellow (96%)

Blue (75%)

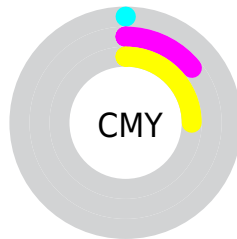


Cyan (0%)

Magenta (14%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1275, 76.1641, 59.4040 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 76.1275, 76.1641, 59.4040 by changing the saturation by 10% instead.


 76.1275, 76.1641,
59.4040

 76.1275, 76.1641,
59.4040

470.7217,
481.9093, 440.1409

 56.8345, 56.5671,
42.5163


 126.8865,
127.9588, 105.4995

 41.1120, 40.6578,
29.1772


159.0832,
160.9254, 135.5443

 28.5947, 28.0518,
18.9682


196.3119,
199.1172, 170.8120

 18.9171, 18.3647,
11.4707

238.9378,
242.9186, 211.7210

 11.7141, 11.2121,
6.2662

287.3264,
292.7142, 258.6898

 6.6201, 6.2097,
2.9362

341.8430,

 3.2699, 2.9730,

348.8882, 312.1370

1.0622

402.8530,
411.8251, 372.4812

■ 1.2980, 1.1177,
0.0000

■ 0.1817, 0.0000,
0.0000

■ 76.1275, 76.1641,
59.4040

■ 76.1275, 76.1641,
59.4040

■ 70.1245, 68.2349,
44.8347

■ 82.9178, 84.8870,
76.6431

■ 64.8707, 61.0649,
32.7944

■ 90.5202, 94.4164,
96.6738

■ 60.3331, 54.6318,
23.1364

95.0500, 100.0000,
108.9000

■ 56.4732, 48.9079,
15.6966

■ 53.2484, 43.8635,
10.2900

■ 50.6100, 39.4657,
6.7006

■ 48.4992, 35.6770,
4.6622

■ 47.6847, 34.1494,
4.0782

Harmonies

Analogous

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



80.4245, 76.1641, 66.7038



76.1275, 76.1641, 59.4040



71.0102, 76.1641, 58.0124

Triad

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



76.1275, 76.1641, 59.4040



63.0685, 76.1641, 86.9756



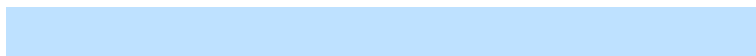
78.6450, 76.1641, 107.1735

Complementary

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



76.1275, 76.1641, 59.4040



66.2097, 72.0154, 105.0185

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.



73.7909, 76.1641, 114.1212



76.1275, 76.1641, 59.4040



64.9124, 76.1641, 101.5943

Square

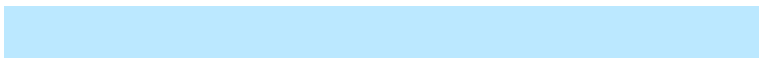
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1275, 76.1641, 59.4040



63.6282, 76.1641, 72.8482



68.7801, 76.1641, 111.9675



81.9251, 76.1641, 93.9010

Rectangle

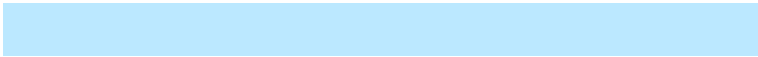
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1275, 76.1641, 59.4040



67.8474, 76.1641, 60.4466



68.7801, 76.1641, 111.9675



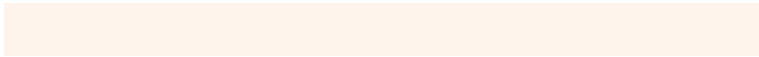
77.1345, 76.1641, 110.3933

Sweetspot

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



76.1293, 76.1675, 59.4056



88.5335, 91.9467, 91.3759



73.3471, 63.5650, 80.1758



18.7004, 19.3689, 18.8973



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.



76.1293, 76.1675, 59.4056



72.7254, 71.7004, 51.0549



85.2664, 94.4417, 62.4513



18.7004, 19.3689, 18.8973



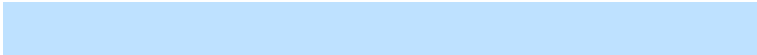
25.0619, 18.1351, 2.1795



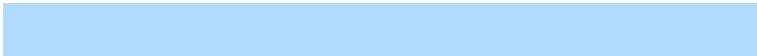
2.5481, 1.9815, 0.2482

Inverse Universe

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



66.2097, 72.0154, 105.0185



61.1468, 66.8515, 104.2886



58.4113, 56.4187, 102.4190



17.8131, 18.9978, 22.9780



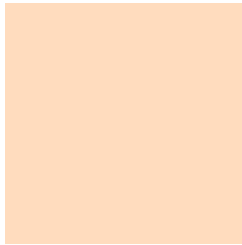
14.2783, 13.4662, 51.2813



1.4996, 1.5299, 5.0295

Previews

White Background



This preview shows how the XYZ color 76.1275, 76.1641, 59.4040 looks on a white background.

Color Contrast Check

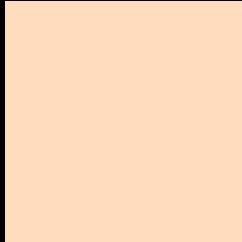
Large Text (above 18pt) WCAG AA × Fail

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 76.1275, 76.1641, 59.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

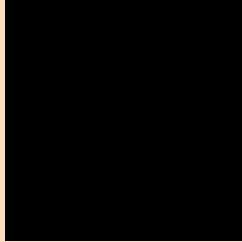
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1275, 76.1641, 59.4040

Background



This preview shows how black text looks on a background with the XYZ color 76.1275, 76.1641, 59.4040.



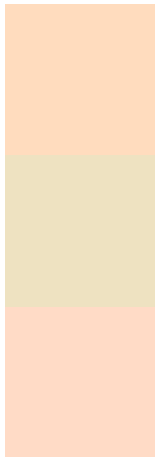
This preview shows how white text looks on a background with the XYZ color 76.1275, 76.1641,

59.4040.

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

76.1275, 76.1641, 59.4040

Protanopia

72.0819, 76.4201, 61.4035

Deuteranopia

76.7646, 76.0003, 64.0497



Tritanopia

80.0788, 76.0849, 85.3282

Trichromacy



Original Color

76.1275, 76.1641, 59.4040

Protanomaly

73.4783, 76.3502, 60.7335

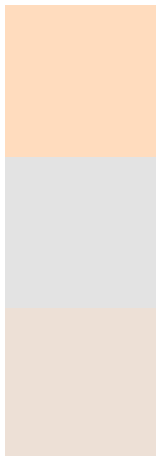
Deuteranomaly

76.4218, 75.8632, 62.2449

Tritanomaly

78.3186, 75.7920, 74.7915

Monochromacy



Original Color

76.1275, 76.1641, 59.4040

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7183, 76.1709, 74.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1275, 76.1641, 59.4040 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, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 190)  
}
```

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, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 190) }
```

Border

The CSS property to change the border of an element to XYZ 76.1275, 76.1641, 59.4040 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, 220, 190) }
```


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

```
.border{ border-color:rgb(255, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1275, 76.1641, 59.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 190) }
```

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

```
.background{ background-color: rgb(255,  
220, 190) }
```

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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