

Converting Colors

XYZ(101.2797, 78.2856,
43.2404)

Have a look what the booklet for
XYZ(101.2797, 78.2856, 43.2404)
contains.

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Color

**XYZ(65.5684, 59.7645,
41.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCA0
RGB	255, 188, 160
RGB Percent	100%, 74%, 63%
CMY	0.0000, 0.2627, 0.3725
CMYK	0.00, 0.26, 0.37, 0.00
HSL	18°, 100%, 81%
HSV	18°, 37%, 100%
XYZ	65.5684, 59.7645, 41.3376
YIQ	204.8410, 48.9200, 5.4960

Conversions

Conversions Part 2

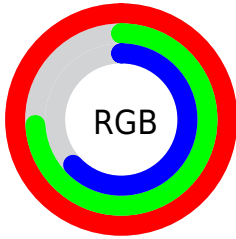
Format	Color
R_{YB}	255, 200, 160
Decimal	16759968
CIE _{Lab}	81.71, 20.63, 23.65
CIE _{LCh}	82, 31.383, 48.894
Yxy	59.7645, 0.3934, 0.3586
Android (android.graphics.Color)	4294950048 (0xFFFFBCA0)
YUV	204.8410, -22.1066, 43.9894
Hunter-Lab	77.3075, 16.1067, 22.4119

Details

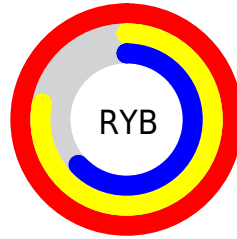
The XYZ color **65.5684, 59.7645, 41.3376** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0153, 69.6292, 104.8844**, and the grayscale version is **58.0429, 61.0656, 66.5005**.

A 20% lighter version of the original color is **85.8564, 90.8677, 77.3041**, and **33.9968, 29.8687, 18.1608** is the 20% darker color. If you saturate the color by 10%, you get **59.9573, 51.7536, 29.5675**, and if you desaturate by 10%, it is **72.1187, 68.9215, 55.6792**.

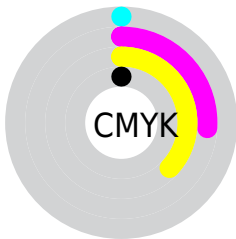
Distribution



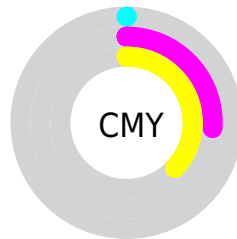
- Red (100%)
- Green (74%)
- Blue (63%)



- Red (100%)
- Yellow (78%)
- Blue (63%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5684, 59.7645, 41.3376 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 65.5684, 59.7645, 41.3376 by changing the saturation by 10% instead.


 65.5684, 59.7645,
41.3376


 65.5684, 59.7645,
41.3376


434.3447,
423.7292, 367.4480

 48.1885, 43.2288,
28.2613


 111.9278,
104.4880, 78.4553

 34.1881, 30.0647,
18.2820

 141.6381,
133.4446, 103.3339

 23.2017, 19.8877,
10.9811


176.1892,
167.3103, 132.9835

 14.8640, 12.3134,
5.9401

215.9465,
206.4695, 167.8229

 8.8097, 6.9575,
2.7405

261.2753,
251.3066, 208.2705

 4.6734, 3.4355,
0.9637

312.5411,

 2.0897, 1.3631,

302.2060, 254.7448

0.0000

370.1091,
359.5520, 307.6645

0.6836, 0.1893,
0.0000

0.0000, 0.0000,
0.0000

65.5684, 59.7645,
41.3376

65.5684, 59.7645,
41.3376

59.9573, 51.7536,
29.5675

72.1187, 68.9215,
55.6792

55.2353, 44.8339,
20.2111

79.6462, 79.2595,
72.7299

51.3539, 38.9586,
13.0986

88.1920, 90.8227,
92.6218

48.2579, 34.0737,
8.0366

95.0500, 100.0000,
108.9000

■ 45.8839, 30.1198,
4.7979

■ 44.1551, 27.0288,
3.0909

■ 43.7678, 26.3156,
2.7726

Harmonies

Analogous

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



69.6852, 59.7645, 53.9931



65.5684, 59.7645, 41.3376



59.2855, 59.7645, 35.5136

Triad

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



65.5684, 59.7645, 41.3376



45.2329, 59.7645, 58.3169



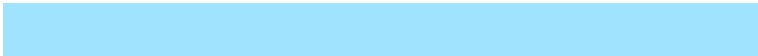
61.0164, 59.7645, 105.9007

Complementary

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



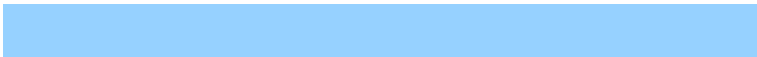
65.5684, 59.7645, 41.3376



60.0153, 69.6292, 104.8844

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.



54.3934, 59.7645, 107.6795



65.5684, 59.7645, 41.3376



45.6175, 59.7645, 77.5744

Square

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



65.5684, 59.7645, 41.3376



47.7635, 59.7645, 43.9729



48.8583, 59.7645, 96.5018



66.9197, 59.7645, 92.0303

Rectangle

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



65.5684, 59.7645, 41.3376



54.8636, 59.7645, 35.3511



48.8583, 59.7645, 96.5018



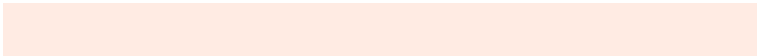
58.7904, 59.7645, 108.0208

Sweetspot

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



65.5699, 59.7673, 41.3388



84.8693, 86.3454, 84.8301



67.8263, 52.0083, 79.9236



17.9158, 18.1439, 17.5751



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.



65.5699, 59.7673, 41.3388



61.1431, 53.4629, 32.0045



77.1270, 82.8815, 45.1911



18.4457, 18.8596, 18.8124



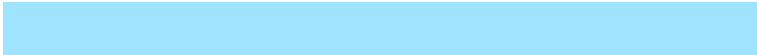
22.9814, 13.9741, 1.4860



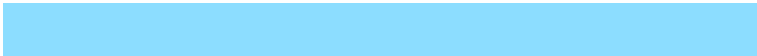
2.3275, 1.5404, 0.1747

Inverse Universe

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



60.0153, 69.6292, 104.8844



54.8094, 64.6212, 104.1921



48.9871, 47.5728, 101.2083



18.0761, 19.5239, 23.0657



18.0775, 21.0645, 52.5477



1.8551, 2.2408, 5.1480

Previews

White Background



This preview shows how the XYZ color 65.5684, 59.7645, 41.3376 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 65.5684, 59.7645, 41.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

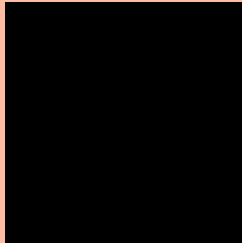
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5684, 59.7645, 41.3376

Background



This preview shows how black text looks on a background with the XYZ color 65.5684, 59.7645, 41.3376.



This preview shows how white text looks on a background with the XYZ color 65.5684, 59.7645,

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

65.5684, 59.7645, 41.3376

Protanopia

56.3553, 59.9490, 45.1603

Deuteranopia

61.0330, 59.7106, 41.1094



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

65.5684, 59.7645, 41.3376

Protanomaly

59.5281, 59.8915, 43.5447

Deuteranomaly

62.4159, 59.4356, 40.9834

Tritanomaly

67.2407, 59.4186, 53.2724

Monochromacy



Original Color

65.5684, 59.7645, 41.3376

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.0402, 60.2089, 56.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5684, 59.7645, 41.3376 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, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 160)  
}
```

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, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 160) }
```

Border

The CSS property to change the border of an element to XYZ 65.5684, 59.7645, 41.3376 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, 188, 160) }
```


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

```
.border{ border-color:rgb(255, 188, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5684, 59.7645, 41.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 160) }
```

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

```
.background{ background-color: rgb(255,  
188, 160) }
```

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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