

Converting Colors

XYZ(67.1632, 60.1094, 46.3206)

Have a look what the booklet for
XYZ(67.1632, 60.1094, 46.3206)
contains.

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Color

**XYZ(66.2660, 59.7029,
46.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBAA
RGB	255, 187, 170
RGB Percent	100%, 73%, 67%
CMY	0.0000, 0.2666, 0.3333
CMYK	0.00, 0.27, 0.33, 0.00
HSL	12°, 100%, 83%
HSV	12°, 33%, 100%
XYZ	66.2660, 59.7029, 46.0614
YIQ	205.3940, 45.9850, 9.1290

Conversions

Conversions Part 2

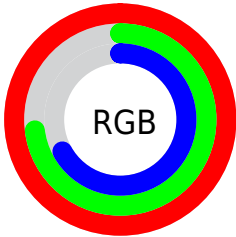
Format	Color
R _Y B	255, 191, 170
Decimal	16759722
CIE Lab	81.68, 22.34, 18.27
CIE LCh	82, 28.858, 39.279
Yxy	59.7029, 0.3852, 0.3470
Android (android.graphics.Color)	4294949802 (0xFFFFBBAA)
YUV	205.3940, -17.4492, 43.5045
Hunter-Lab	77.2677, 17.8661, 18.7429

Details

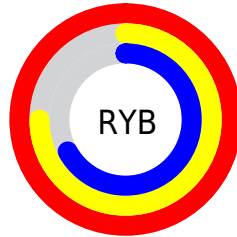
The XYZ color **66.2660, 59.7029, 46.0614** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.2009, 76.9124, 106.0169**, and the grayscale version is **58.3677, 61.4074, 66.8726**.

A 20% lighter version of the original color is **86.8812, 90.7974, 84.1807**, and **34.6835, 29.9534, 21.0931** is the 20% darker color. If you saturate the color by 10%, you get **60.0595, 50.7830, 33.2236**, and if you desaturate by 10%, it is **73.5582, 70.0449, 61.5706**.

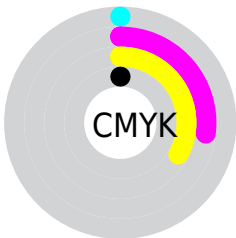
Distribution



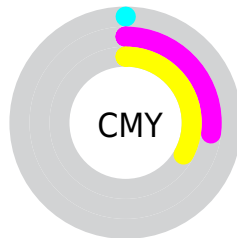
- Red (100%)
- Green (73%)
- Blue (67%)



- Red (100%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2660, 59.7029, 46.0614 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 66.2660, 59.7029, 46.0614 by changing the saturation by 10% instead.


 66.2660, 59.7029,
46.0614

 66.2660, 59.7029,
46.0614


436.8012,
423.5018, 387.3402

 48.7569, 43.1792,
31.9453


 112.9236,
104.3986, 85.6461

 34.6404, 30.0258,
21.0552


142.8029,
133.3393, 111.9518

 23.5512, 19.8581,
12.9727


177.5362,
167.1879, 143.1577

 15.1240, 12.2920,
7.2793

217.4889,
206.3287, 179.6825

 8.9933, 6.9428,
3.5563

263.0264,
251.1461, 221.9445

 4.7939, 3.4264,
1.3852


314.5141,


 2.1604, 1.3582,


302.0245, 270.3625


0.1301


372.3172,
359.3482, 325.3549


 0.7217, 0.1856,
0.0000


 0.0000, 0.0000,
0.0000


 66.2660, 59.7029,
46.0614


 66.2660, 59.7029,
46.0614


 60.0595, 50.7830,
33.2236


 73.5582, 70.0449,
61.5706

 54.8811, 43.2144,
22.9019

 81.9806, 81.8591,
79.8872

 50.6748, 36.9327,
14.9306

 91.5811, 95.2035,
101.1421

 47.3772, 31.8648,
9.1225

95.0500, 100.0000,
108.9000

■ 44.9166, 27.9300,
5.2615

■ 43.2095, 25.0371,
3.0856

■ 42.4245, 23.6290,
2.3248

Harmonies

Analogous

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



69.0585, 59.7029, 59.7653



66.2660, 59.7029, 46.0614



60.9754, 59.7029, 38.4915

Triad

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



66.2660, 59.7029, 46.0614



46.5166, 59.7029, 53.8847



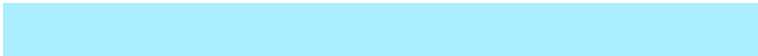
58.6482, 59.7029, 103.8797

Complementary

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



66.2660, 59.7029, 46.0614



65.2009, 76.9124, 106.0169

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.



52.7165, 59.7029, 101.5405



66.2660, 59.7029, 46.0614



45.9912, 59.7029, 70.5451

Square

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



66.2660, 59.7029, 46.0614



49.6743, 59.7029, 42.4176



48.1841, 59.7029, 88.5418



64.4585, 59.7029, 94.4576

Rectangle

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



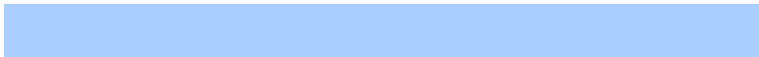
66.2660, 59.7029, 46.0614



56.8928, 59.7029, 36.9891



48.1841, 59.7029, 88.5418



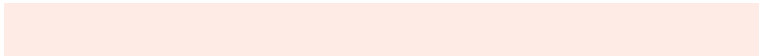
56.5991, 59.7029, 104.4749

Sweetspot

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



66.2675, 59.7057, 46.0626



85.0472, 86.1339, 86.6383



71.0477, 56.1830, 87.9889



17.9234, 18.0459, 17.9262



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.



66.2675, 59.7057, 46.0626



62.0114, 53.6031, 37.2151



76.6538, 80.4783, 49.5247



18.3036, 18.5754, 18.7650



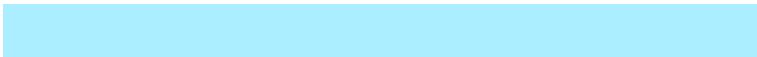
22.2503, 12.5118, 1.2423



2.2389, 1.3632, 0.1451

Inverse Universe

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



65.2009, 76.9124, 106.0169



60.7790, 73.1765, 105.5288



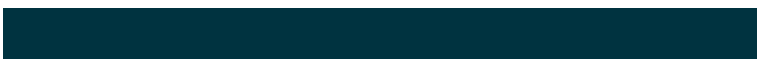
54.2554, 55.0213, 102.3683



18.2280, 19.8277, 23.1164



20.8208, 26.5512, 53.4621



2.1020, 2.7346, 5.2303

Previews

White Background



This preview shows how the XYZ color 66.2660, 59.7029, 46.0614 looks on a white background.

Color Contrast Check

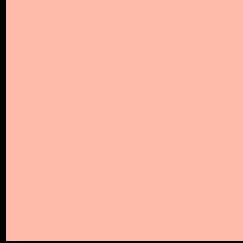
Large Text (above 18pt) WCAG AA × Fail

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 66.2660, 59.7029, 46.0614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

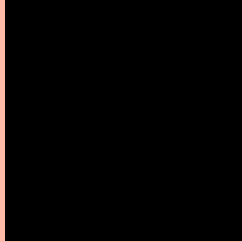
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2660, 59.7029, 46.0614

Background



This preview shows how black text looks on a background with the XYZ color 66.2660, 59.7029, 46.0614.



This preview shows how white text looks on a background with the XYZ color 66.2660, 59.7029,

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

66.2660, 59.7029, 46.0614

Protanopia

56.8324, 60.0724, 50.7192

Deuteranopia

61.0688, 59.9692, 45.4023



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

66.2660, 59.7029, 46.0614

Protanomaly

59.6990, 59.5216, 48.8998

Deuteranomaly

62.8493, 59.8817, 45.7819

Tritanomaly

67.5586, 59.5458, 54.9465

Monochromacy



Original Color

66.2660, 59.7029, 46.0614

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.1399, 59.8819, 58.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2660, 59.7029, 46.0614 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, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 170)  
}
```

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, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 170) }
```

Border

The CSS property to change the border of an element to XYZ 66.2660, 59.7029, 46.0614 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, 187, 170) }
```


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

```
.border{ border-color:rgb(255, 187, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2660, 59.7029, 46.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 170) }
```

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

```
.background{ background-color: rgb(255,  
187, 170) }
```

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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