

Converting Colors

XYZ(62.3700, 65.6064, 9.4887)

Have a look what the booklet for
XYZ(62.3700, 65.6064, 9.4887)
contains.

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Color

**XYZ(62.3615, 65.6297,
9.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD004
RGB	251, 208, 4
RGB Percent	98%, 82%, 2%
CMY	0.0157, 0.1843, 0.9842
CMYK	0.00, 0.17, 0.98, 0.02
HSL	50°, 97%, 50%
HSV	50°, 98%, 98%
XYZ	62.3615, 65.6297, 9.4959
YIQ	197.6010, 91.1120, -54.3280

Conversions

Conversions Part 2

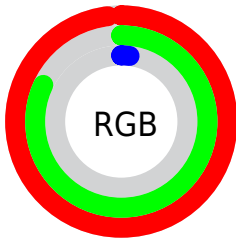
Format	Color
RYB	56, 251, 4
Decimal	16502788
CIELab	84.81, -0.04, 85.11
CIELCh	85, 85.113, 90.027
Yxy	65.6297, 0.4536, 0.4774
Android (android.graphics.Color)	4294692868 (0xFFFFBD004)
YUV	197.6010, -95.4453, 46.8309
Hunter-Lab	81.0122, -4.3656, 49.7588

Details

The XYZ color **62.3615, 65.6297, 9.4959** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **18.4802, 9.0256, 92.0343**, and the grayscale version is **53.9598, 56.7699, 61.8225**.

A 20% lighter version of the original color is **78.7615, 93.4846, 23.1257**, and **32.5419, 33.9300, 4.8340** is the 20% darker color. If you saturate the color by 10%, you get **62.1703, 65.2829, 9.3241**, and if you desaturate by 10%, it is **63.6444, 67.8736, 10.9172**.

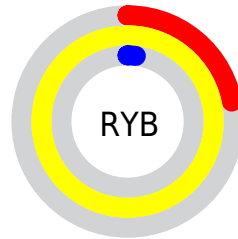
Distribution



Red (98%)

Green (82%)

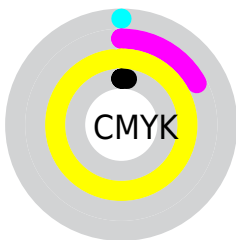
Blue (2%)



Red (22%)

Yellow (98%)

Blue (2%)

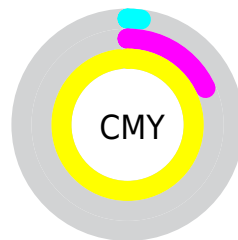


Cyan (0%)

Magenta (17%)

Yellow (98%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3615, 65.6297, 9.4959 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 62.3615, 65.6297, 9.4959 by changing the saturation by 10% instead.


 62.3615, 65.6297,
9.4959


 62.3615, 65.6297,
9.4959


422.9451,
445.0514, 197.3877

 45.5816, 47.9719,
4.9648


 107.3348,
112.9547, 25.4357

 32.1190, 33.8046,
2.1683


 136.2589,
143.3906, 37.6816


 21.6084, 22.7435,
0.6560


 169.9618,
178.8547, 53.3361

 13.6844, 14.4042,
0.0000

 208.8088,
219.7314, 72.8178

 7.9817, 8.4024,
0.0000

 253.1653,
266.4050, 96.5453

 4.1350, 4.3535,
0.0000

 303.3966,

 1.7788, 1.8732,

319.2599, 124.9371

0.0000

359.8680,
378.6806, 158.4117

■ 0.5048, 0.5322,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3615, 65.6297,
9.4959

■ 62.3615, 65.6297,
9.4959

■ 62.1703, 65.2829,
9.3241

■ 63.6444, 67.8736,
10.9172

■ 65.2019, 70.2721,
13.6454

■ 67.0934, 72.8519,
17.9854

■ 69.3602, 75.6299,
24.1531

■ 72.0371, 78.6203,
32.3315

■ 75.1549, 81.8358,
42.6812

■ 78.7411, 85.2878,
55.3464

■ 82.8211, 88.9868,
70.4591

■ 87.4182, 92.9424,
88.1413

Harmonies

Analogous

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



82.5426, 65.6297, 13.6412



62.3615, 65.6297, 9.4959



45.7749, 65.6297, 13.6579

Triad

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



62.3615, 65.6297, 9.4959



35.7204, 65.6297, 137.9191



99.8262, 65.6297, 137.7841

Complementary

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



62.3615, 65.6297, 9.4959



18.4802, 9.0256, 92.0343

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.



82.5793, 65.6297, 206.3328



62.3615, 65.6297, 9.4959



45.7997, 65.6297, 206.4348

Square

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



62.3615, 65.6297, 9.4959



32.4340, 65.6297, 71.5099



62.3966, 65.6297, 236.2421



106.6846, 65.6297, 71.4093

Rectangle

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



62.3615, 65.6297, 9.4959



38.2932, 65.6297, 23.0094



62.3966, 65.6297, 236.2421



94.8988, 65.6297, 162.3436

Sweetspot

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



62.3630, 65.6329, 9.4972



80.9840, 87.8101, 55.0639



40.3880, 20.8209, 4.8298



16.9925, 18.4690, 10.5723



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.



62.3630, 65.6329, 9.4972



64.4374, 67.6548, 9.6625



51.7066, 77.8633, 12.4195



18.4552, 19.6464, 18.2818



32.7754, 34.5075, 4.9332



3.1009, 3.3267, 0.4787

Inverse Universe

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



18.4802, 9.0256, 92.0343



18.9653, 9.0506, 95.3551



20.9564, 8.8568, 91.8713



16.5273, 17.1313, 21.8209



9.6924, 4.7404, 48.3777



0.9634, 0.5706, 4.5025

Previews

White Background



This preview shows how the XYZ color 62.3615, 65.6297, 9.4959 looks on a white background.

Color Contrast Check

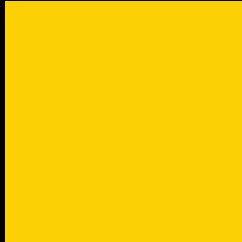
Large Text (above 18pt) WCAG AA × Fail

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 62.3615, 65.6297, 9.4959 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 62.3615, 65.6297, 9.4959

Background



This preview shows how black text looks on a background with the XYZ color 62.3615, 65.6297, 9.4959.



This preview shows how white text looks on a background with the XYZ color 62.3615, 65.6297,

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

62.3615, 65.6297, 9.4959

Protanopia

59.1949, 65.4596, 9.8022

Deuteranopia

65.9274, 65.6835, 25.4231



Tritanopia

72.4886, 65.3433, 69.1136

Trichromacy



Original Color

62.3615, 65.6297, 9.4959

Protanomaly

60.3002, 65.6607, 9.7254

Deuteranomaly

63.9744, 65.2415, 15.8777

Tritanomaly

65.8304, 64.1006, 31.4573

Monochromacy



Original Color

62.3615, 65.6297, 9.4959

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5666, 58.5251, 28.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3615, 65.6297, 9.4959 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(251, 208, 4)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 4)  
}
```

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(251, 208, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 4) }
```

Border

The CSS property to change the border of an element to XYZ 62.3615, 65.6297, 9.4959 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(251, 208, 4) }
```


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

```
.border{ border-color:rgb(251, 208, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 4);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3615, 65.6297, 9.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 4) }
```

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

```
.background{ background-color: rgb(251,  
208, 4) }
```

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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