

Converting Colors

XYZ(21.0968, 15.5025, 61.5549)

Have a look what the booklet for
XYZ(21.0968, 15.5025, 61.5549)
contains.

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Color

**XYZ(21.0968, 15.5025,
61.5549)**

Conversions

Conversions Part 1

Format	Color
Hex	685ED0
RGB	104, 94, 208
RGB Percent	41%, 37%, 82%
CMY	0.5921, 0.6314, 0.1843
CMYK	0.50, 0.55, 0.00, 0.18
HSL	245°, 55%, 59%
HSV	245°, 55%, 82%
XYZ	21.0968, 15.5025, 61.5549
YIQ	109.9860, -30.6340, 37.5740

Conversions

Conversions Part 2

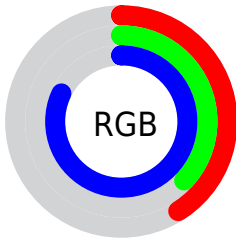
Format	Color
RYB	104, 94, 208
Decimal	6840016
CIELab	46.31, 34.14, -57.93
CIELCh	46, 67.243, 300.508
Yxy	15.5025, 0.2149, 0.1579
Android (android.graphics.Color)	4285030096 (0xFF685ED0)
YUV	109.9860, 48.3209, -5.2497
Hunter-Lab	39.3732, 26.7400, -65.1310

Details

The XYZ color **21.0968, 15.5025, 61.5549** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **47.8642, 57.9255, 19.2479**, and the grayscale version is **14.6898, 15.4548, 16.8303**.

A 20% lighter version of the original color is **42.8733, 35.0479, 99.1130**, and **7.7211, 4.8252, 30.6614** is the 20% darker color. If you saturate the color by 10%, you get **17.5301, 11.2783, 60.9279**, and if you desaturate by 10%, it is **25.6588, 20.9796, 62.3720**.

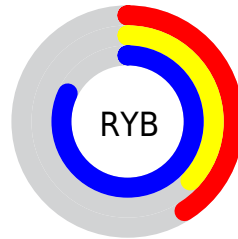
Distribution



Red (41%)

Green (37%)

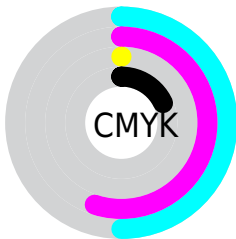
Blue (82%)



Red (41%)

Yellow (37%)

Blue (82%)

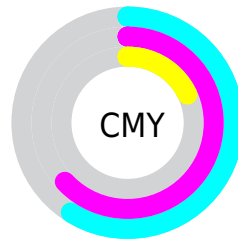


Cyan (50%)

Magenta (55%)

Yellow (0%)

Black (18%)



Cyan (59%)

Magenta (63%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0968, 15.5025, 61.5549 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 21.0968, 15.5025, 61.5549 by changing the saturation by 10% instead.

■ 21.0968, 15.5025,
61.5549

■ 21.0968, 15.5025,
61.5549

250.5145,
226.3879, 448.2684

■ 13.3076, 9.1728,
44.2397

■ 44.7386, 35.7323,
108.6473

■ 7.7192, 4.8541,
30.5204

■ 61.3220, 50.4013,
139.2616

■ 3.9661, 2.1619,
19.9785

■ 81.5676, 68.6187,
175.1460

■ 1.6830, 0.6991,
12.1955

■ 105.8406, 90.7691,
216.7190

■ 0.4456, 0.0000,
6.7528

134.5064,
117.2368, 264.3993

■ 0.0000, 0.0000,
3.2319

167.9304,

■ 0.0000, 0.0000,

148.4063, 318.6052

1.2142

206.4780,
184.6618, 379.7554

■ 0.0000, 0.0000,
0.0000

■ 21.0968, 15.5025,
61.5549

■ 21.0968, 15.5025,
61.5549

■ 17.5301, 11.2783,
60.9279

■ 25.6588, 20.9796,
62.3720

■ 14.8817, 8.2062,
60.4745

■ 31.2808, 27.7969,
63.3916

■ 13.0671, 6.1720,
60.1775

■ 38.0248, 36.0355,
64.6263

■ 11.9844, 5.0373,
60.0155

■ 45.9471, 45.7696,
66.0876

■ 11.6395, 4.6851,
59.9657

■ 55.1005, 57.0682,
67.7860

■ 65.5345, 69.9962,
69.7315

■ 77.2957, 84.6146,
71.9332

■ 88.3852, 97.3341,
73.8038

Harmonies

Analogous

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



14.8330, 15.5025, 72.5430



21.0968, 15.5025, 61.5549



26.6185, 15.5025, 37.7832

Triad

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



21.0968, 15.5025, 61.5549



20.8816, 15.5025, 1.5924



6.2078, 15.5025, 17.1622

Complementary

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



21.0968, 15.5025, 61.5549



47.8642, 57.9255, 19.2479

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.



7.0488, 15.5025, 5.5907



21.0968, 15.5025, 61.5549



14.6367, 15.5025, 0.8818

Square

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



21.0968, 15.5025, 61.5549



26.4732, 15.5025, 5.3609



9.8005, 15.5025, 1.6514



7.1090, 15.5025, 38.6222

Rectangle

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



21.0968, 15.5025, 61.5549



28.5663, 15.5025, 22.6640



9.8005, 15.5025, 1.6514



6.2931, 15.5025, 12.1740

Sweetspot

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



21.0975, 15.5030, 61.5553



70.9951, 70.2860, 104.4325



36.3101, 47.5512, 66.9394



14.6140, 14.3283, 22.2453



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.



21.0975, 15.5030, 61.5553



26.8535, 16.7818, 96.4316



29.9855, 20.0849, 61.9713



11.2585, 11.4666, 14.8635



7.2891, 2.9380, 37.3754



0.4416, 0.1818, 2.0914

Inverse Universe

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



40.2080, 25.4926, 56.2252



60.3864, 34.3329, 86.0619



35.6463, 51.6269, 18.6761



12.2642, 11.9904, 14.6670



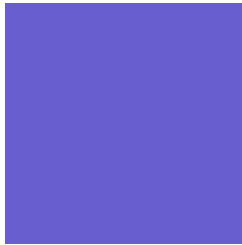
22.0061, 10.6753, 31.2679



1.2439, 0.6023, 1.8191

Previews

White Background



This preview shows how the XYZ color 21.0968, 15.5025, 61.5549 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 21.0968, 15.5025, 61.5549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

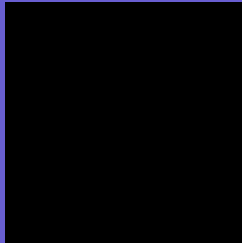
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0968, 15.5025, 61.5549

Background



This preview shows how black text looks on a background with the XYZ color 21.0968, 15.5025, 61.5549.



This preview shows how white text looks on a background with the XYZ color 21.0968, 15.5025,

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

21.0968, 15.5025, 61.5549

Protanopia

18.6841, 15.7754, 70.4668

Deuteranopia

15.7580, 15.5739, 54.4001



Tritanopia

13.0569, 15.4044, 21.6872

Trichromacy



Original Color

21.0968, 15.5025, 61.5549

Protanomaly

18.7769, 15.3014, 66.9296

Deuteranomaly

16.2762, 14.6854, 56.6203

Tritanomaly

15.1986, 14.9567, 33.0962

Monochromacy



Original Color

21.0968, 15.5025, 61.5549

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.3230, 15.1641, 29.2608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0968, 15.5025, 61.5549 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(104, 94, 208)` looks like.

```
.text, #text, p{  
    color:rgb(104, 94, 208)  
}
```

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(104, 94, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 94, 208) }
```

Border

The CSS property to change the border of an element to XYZ 21.0968, 15.5025, 61.5549 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(104, 94, 208) }
```


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

```
.border{ border-color:rgb(104, 94, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 94, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 94, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 94, 208);  
box-shadow:4px 4px 4px 4px rgb(104, 94,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0968, 15.5025, 61.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 94, 208) }
```

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

```
.background{ background-color: rgb(104, 94,  
208) }
```

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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