

Converting Colors

XYZ(21.9309, 17.1898, 60.5552)

Have a look what the booklet for
XYZ(21.9309, 17.1898, 60.5552)
contains.

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Color

**XYZ(21.9347, 17.2209,
60.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	6A67CE
RGB	106, 103, 206
RGB Percent	42%, 40%, 81%
CMY	0.5843, 0.5961, 0.1922
CMYK	0.49, 0.50, 0.00, 0.19
HSL	242°, 51%, 61%
HSV	242°, 50%, 81%
XYZ	21.9347, 17.2209, 60.5604
YIQ	115.6390, -31.2750, 32.6690

Conversions

Conversions Part 2

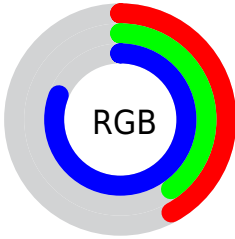
Format	Color
R _Y B	106, 103, 206
Decimal	6973390
CIE Lab	48.54, 28.51, -53.21
CIE LCh	49, 60.365, 298.187
Yxy	17.2209, 0.2200, 0.1727
Android (android.graphics.Color)	4285163470 (0xFF6A67CE)
YUV	115.6390, 44.5480, -8.4534
Hunter-Lab	41.4981, 21.7284, -57.4765

Details

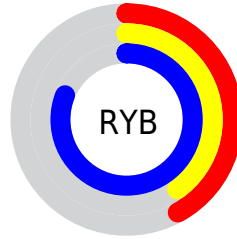
The XYZ color **21.9347, 17.2209, 60.5604** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **49.1475, 57.8183, 21.4020**, and the grayscale version is **16.3660, 17.2183, 18.7507**.

A 20% lighter version of the original color is **44.7099, 38.1177, 99.6087**, and **8.1724, 5.6670, 29.9413** is the 20% darker color. If you saturate the color by 10%, you get **18.0265, 12.5302, 59.8614**, and if you desaturate by 10%, it is **26.9032, 23.2078, 61.4545**.

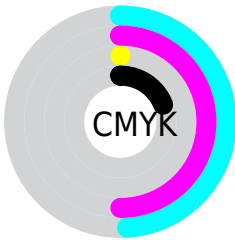
Distribution



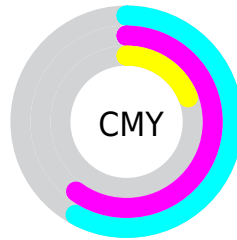
- Red (42%)
- Green (40%)
- Blue (81%)



- Red (42%)
- Yellow (40%)
- Blue (81%)



- Cyan (49%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9347, 17.2209, 60.5604 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 21.9347, 17.2209, 60.5604 by changing the saturation by 10% instead.

■ 21.9347, 17.2209,
60.5604

■ 21.9347, 17.2209,
60.5604

254.8439,
236.4422, 444.5222

■ 13.9253, 10.3921,
43.4422

■ 46.1177, 38.7052,
107.1935

■ 8.1501, 5.6597,
29.8983

■ 63.0220, 54.1295,
137.5455

■ 4.2437, 2.6393,
19.5100

■ 83.6219, 73.1877,
173.1459

■ 1.8409, 0.9465,
11.8588

■ 108.2829, 96.2643,
214.4132

■ 0.5421, 0.0000,
6.5263

137.3702,
123.7437, 261.7659

■ 0.0000, 0.0000,
3.0937

171.2492,

■ 0.0000, 0.0000,

156.0102, 315.6226

1.1427

210.2853,
193.4482, 376.4019

■ 0.0000, 0.0000,
0.0000

■ 21.9347, 17.2209,
60.5604

■ 21.9347, 17.2209,
60.5604

■ 18.0265, 12.5302,
59.8614

■ 26.9032, 23.2078,
61.4545

■ 15.0996, 9.0384,
59.3416

■ 32.9991, 30.5752,
62.5552

■ 13.0676, 6.6371,
58.9852

■ 40.2865, 39.4023,
63.8750

■ 11.8277, 5.1978,
58.7728

■ 48.8240, 49.7618,
65.4246

■ 11.2159, 4.4950,
58.6694

■ 58.6664, 61.7217,
67.2143

■ 11.2158, 4.4950,
58.6694

■ 69.8652, 75.3457,
69.2538

■ 82.4693, 90.6941,
71.5520

■ 88.1406, 97.2363,
72.5159

Harmonies

Analogous

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



16.0332, 17.2209, 68.7807



21.9347, 17.2209, 60.5604



27.1952, 17.2209, 39.8767

Triad

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



21.9347, 17.2209, 60.5604



22.6521, 17.2209, 2.9361



7.8606, 17.2209, 17.8017

Complementary

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



21.9347, 17.2209, 60.5604



49.1475, 57.8183, 21.4020

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.



8.8802, 17.2209, 6.8257



21.9347, 17.2209, 60.5604



16.7074, 17.2209, 1.7987

Square

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



21.9347, 17.2209, 60.5604



27.6709, 17.2209, 7.7142



11.8330, 17.2209, 2.6644



8.6578, 17.2209, 37.1747

Rectangle

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



21.9347, 17.2209, 60.5604



29.1702, 17.2209, 25.7175



11.8330, 17.2209, 2.6644



7.9965, 17.2209, 13.1714

Sweetspot

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



21.9354, 17.2215, 60.5608



71.6717, 71.6016, 104.6507



38.3947, 50.6607, 66.1478



14.7208, 14.5736, 22.2871



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.



21.9354, 17.2215, 60.5608



28.8002, 19.8153, 96.9145



29.7435, 21.2467, 60.9262



10.6315, 10.8593, 14.1061



6.9205, 2.7752, 36.1272



0.3679, 0.1488, 1.8643

Inverse Universe

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



41.0833, 27.1343, 59.5702



63.3313, 37.6987, 94.8245



37.6159, 51.8735, 20.8623



11.6729, 11.3979, 14.0780



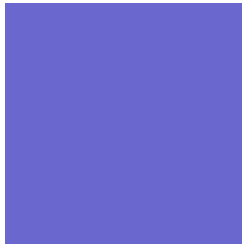
22.0992, 10.6503, 34.5707



1.1446, 0.5513, 1.8074

Previews

White Background



This preview shows how the XYZ color 21.9347, 17.2209, 60.5604 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 21.9347, 17.2209, 60.5604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

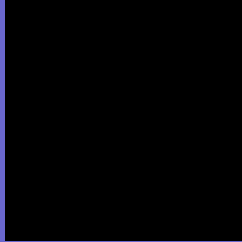
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.9347, 17.2209, 60.5604

Background



This preview shows how black text looks on a background with the XYZ color 21.9347, 17.2209, 60.5604.



This preview shows how white text looks on a background with the XYZ color 21.9347, 17.2209,

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

21.9347, 17.2209, 60.5604

Protanopia

19.9844, 17.4867, 66.6120

Deuteranopia

17.9401, 17.4464, 58.9219



Tritanopia

14.5903, 17.1983, 24.0233

Trichromacy



Original Color

21.9347, 17.2209, 60.5604

Protanomaly

20.4129, 17.2685, 64.5446

Deuteranomaly

18.7432, 17.0047, 59.4211

Tritanomaly

16.6025, 16.7786, 34.7113

Monochromacy



Original Color

21.9347, 17.2209, 60.5604

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7913, 16.9835, 30.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9347, 17.2209, 60.5604 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(106, 103, 206)` looks like.

```
.text, #text, p{  
    color:rgb(106, 103, 206)  
}
```

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(106, 103, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 103, 206) }
```

Border

The CSS property to change the border of an element to XYZ 21.9347, 17.2209, 60.5604 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(106, 103, 206) }
```


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

```
.border{ border-color:rgb(106, 103, 206) }
```

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

Here you see how a box with a 4 pixel rgb(106, 103, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 103, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 103, 206);  
box-shadow:4px 4px 4px 4px rgb(106, 103,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9347, 17.2209, 60.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 103, 206) }
```

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

```
.background{ background-color: rgb(106,  
103, 206) }
```

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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