

Converting Colors

XYZ(20.9427, 15.8624, 62.6959)

Have a look what the booklet for
XYZ(20.9427, 15.8624, 62.6959)
contains.

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Color

**XYZ(20.9446, 15.7992,
62.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	6261D2
RGB	98, 97, 210
RGB Percent	38%, 38%, 82%
CMY	0.6157, 0.6196, 0.1765
CMYK	0.53, 0.54, 0.00, 0.18
HSL	241°, 56%, 60%
HSV	241°, 54%, 82%
XYZ	20.9446, 15.7992, 62.9184
YIQ	110.1810, -35.6770, 35.3550

Conversions

Conversions Part 2

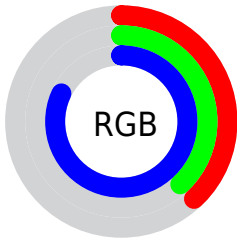
Format	Color
RYB	98, 97, 210
Decimal	6447570
CIELab	46.71, 31.70, -58.46
CIELCh	47, 66.507, 298.470
Yxy	15.7992, 0.2102, 0.1585
Android (android.graphics.Color)	4284637650 (0xFF6261D2)
YUV	110.1810, 49.2108, -10.6827
Hunter-Lab	39.7482, 24.4980, -66.0278

Details

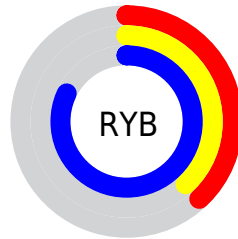
The XYZ color **20.9446, 15.7992, 62.9184** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **51.4976, 60.5112, 20.2750**, and the grayscale version is **14.7441, 15.5120, 16.8925**.

A 20% lighter version of the original color is **42.3502, 35.4677, 99.2216**, and **7.6959, 5.0413, 31.5778** is the 20% darker color. If you saturate the color by 10%, you get **17.2935, 11.4080, 62.2636**, and if you desaturate by 10%, it is **25.6944, 21.5194, 63.7725**.

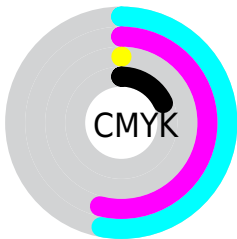
Distribution



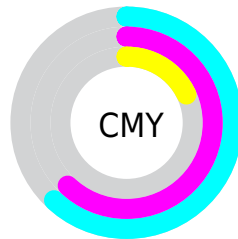
- Red (38%)
- Green (38%)
- Blue (82%)



- Red (38%)
- Yellow (38%)
- Blue (82%)



- Cyan (53%)
- Magenta (54%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (62%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9446, 15.7992, 62.9184 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 20.9446, 15.7992, 62.9184 by changing the saturation by 10% instead.

■ 20.9446, 15.7992,
62.9184

■ 20.9446, 15.7992,
62.9184

249.7212,
228.1539, 453.3731

■ 13.1957, 9.3822,
45.3346

■ 44.4873, 36.2493,
110.6362

■ 7.6414, 4.9913,
31.3762

■ 61.0118, 51.0511,
141.6073

■ 3.9162, 2.2422,
20.6246

■ 81.1923, 69.4166,
177.8780

■ 1.6548, 0.7428,
12.6613

■ 105.3941, 91.7303,
219.8667

■ 0.4278, 0.0000,
7.0678

133.9825,
118.3764, 267.9920

■ 0.0000, 0.0000,
3.4254

167.3229,

■ 0.0000, 0.0000,

149.7395, 322.6725

1.3158

205.7807,
186.2039, 384.3267

■ 0.0000, 0.0000,
0.0746

■ 0.0000, 0.0000,
0.0000

■ 20.9446, 15.7992,
62.9184

■ 20.9446, 15.7992,
62.9184

■ 17.2935, 11.4080,
62.2636

■ 25.6944, 21.5194,
63.7725

■ 14.6513, 8.2373,
61.7909

■ 31.6190, 28.6622,
64.8390

■ 12.9175, 6.1646,
61.4822

■ 38.7903, 37.3147,
66.1311

■ 11.9699, 5.0405,
61.3151

■ 47.2738, 47.5564,
67.6608

■ 11.6563, 4.6652,
61.2592

■ 57.1303, 59.4613,
69.4392

■ 68.4170, 73.0989,
71.4766

■ 81.1877, 88.5344,
73.7829

■ 88.6329, 97.4332,
75.1081

Harmonies

Analogous

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



14.7226, 15.7992, 72.4492



20.9446, 15.7992, 62.9184



26.5847, 15.7992, 39.7164

Triad

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



20.9446, 15.7992, 62.9184



21.5911, 15.7992, 1.8517



6.4381, 15.7992, 16.3688

Complementary

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



20.9446, 15.7992, 62.9184



51.4976, 60.5112, 20.2750

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.



7.4116, 15.7992, 5.3692



20.9446, 15.7992, 62.9184



15.3146, 15.7992, 0.9824

Square

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



20.9446, 15.7992, 62.9184



27.0202, 15.7992, 6.0734



10.3282, 15.7992, 1.6664



7.2283, 15.7992, 37.2065

Rectangle

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



20.9446, 15.7992, 62.9184



28.7062, 15.7992, 24.3601



10.3282, 15.7992, 1.6664



6.5638, 15.7992, 11.6055

Sweetspot

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



20.9453, 15.7997, 62.9188



70.0434, 69.7954, 104.3879



39.6095, 53.2880, 69.1711



14.3910, 14.2133, 22.2349



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.



20.9453, 15.7997, 62.9188



25.9305, 16.6166, 96.4484



29.1393, 20.0238, 63.3023



11.1733, 11.4226, 14.8595



7.1146, 2.8480, 37.3672



0.4013, 0.1610, 2.0895

Inverse Universe

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



42.3613, 26.8545, 63.2693



62.6467, 35.5718, 96.9323



38.4360, 53.7776, 19.6638



12.3061, 12.0072, 14.8878



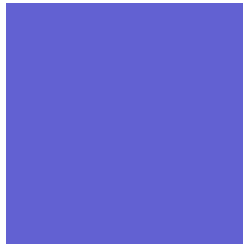
23.1692, 11.1405, 37.3929



1.2970, 0.6235, 2.0987

Previews

White Background



This preview shows how the XYZ color 20.9446, 15.7992, 62.9184 looks on a white background.

Color Contrast Check

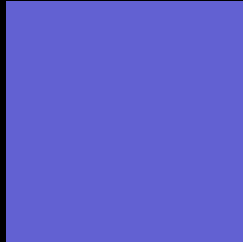
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9446, 15.7992, 62.9184 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 20.9446, 15.7992, 62.9184

Background



This preview shows how black text looks on a background with the XYZ color 20.9446, 15.7992, 62.9184.



This preview shows how white text looks on a background with the XYZ color 20.9446, 15.7992,

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

20.9446, 15.7992, 62.9184

Protanopia

18.8356, 16.0228, 69.8101

Deuteranopia

16.0982, 15.8875, 55.6442



Tritanopia

12.8350, 15.7913, 22.4502

Trichromacy



Original Color

20.9446, 15.7992, 62.9184

Protanomaly

18.9323, 15.5282, 66.9652

Deuteranomaly

16.6459, 15.1547, 57.9249

Tritanomaly

14.9700, 15.2917, 34.0609

Monochromacy



Original Color

20.9446, 15.7992, 62.9184

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.1837, 15.2426, 29.2833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9446, 15.7992, 62.9184 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(98, 97, 210)` looks like.

```
.text, #text, p{  
    color:rgb(98, 97, 210)  
}
```

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(98, 97, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 97, 210) }
```

Border

The CSS property to change the border of an element to XYZ 20.9446, 15.7992, 62.9184 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(98, 97, 210) }
```


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

```
.border{ border-color:rgb(98, 97, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 97, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 97, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 97, 210);  
box-shadow:4px 4px 4px 4px rgb(98, 97,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9446, 15.7992, 62.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 97, 210) }
```

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

```
.background{ background-color: rgb(98, 97,  
210) }
```

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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