

Converting Colors

XYZ(20.1180, 14.3449, 62.0301)

Have a look what the booklet for
XYZ(20.1180, 14.3449, 62.0301)
contains.

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Color

**XYZ(20.1180, 14.3449,
62.0301)**

Conversions

Conversions Part 1

Format	Color
Hex	6259D1
RGB	98, 89, 209
RGB Percent	38%, 35%, 82%
CMY	0.6157, 0.6510, 0.1804
CMYK	0.53, 0.57, 0.00, 0.18
HSL	245°, 57%, 58%
HSV	245°, 57%, 82%
XYZ	20.1180, 14.3449, 62.0301
YIQ	105.3710, -33.1560, 39.2280

Conversions

Conversions Part 2

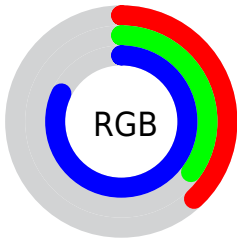
Format	Color
R _Y B	98, 89, 209
Decimal	6445521
CIE Lab	44.72, 36.24, -61.10
CIE LCh	45, 71.040, 300.672
Yxy	14.3449, 0.2085, 0.1487
Android (android.graphics.Color)	4284635601 (0xFF6259D1)
YUV	105.3710, 51.0891, -6.4644
Hunter-Lab	37.8747, 28.5337, -70.5913

Details

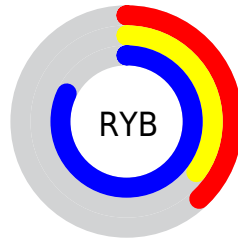
The XYZ color **20.1180, 14.3449, 62.0301** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **48.4222, 58.6013, 18.2105**, and the grayscale version is **13.4006, 14.0985, 15.3532**.

A 20% lighter version of the original color is **40.9929, 32.7532, 98.7692**, and **7.2617, 4.3522, 31.0292** is the 20% darker color. If you saturate the color by 10%, you get **16.7792, 10.3982, 61.4446**, and if you desaturate by 10%, it is **24.4554, 19.5393, 62.8044**.

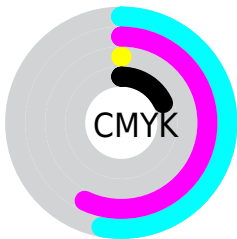
Distribution



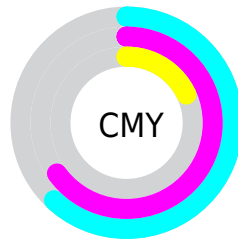
- Red (38%)
- Green (35%)
- Blue (82%)



- Red (38%)
- Yellow (35%)
- Blue (82%)



- Cyan (53%)
- Magenta (57%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (65%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1180, 14.3449, 62.0301 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 20.1180, 14.3449, 62.0301 by changing the saturation by 10% instead.

■ 20.1180, 14.3449,
62.0301

■ 20.1180, 14.3449,
62.0301

245.3746,
219.3660, 450.0516

■ 12.5896, 8.3609,
44.6211

■ 43.1174, 33.6998,
109.3411

■ 7.2216, 4.3268,
30.8183

■ 59.3191, 47.8394,
140.0801

■ 3.6486, 1.8580,
20.2032

■ 79.1425, 65.4665,
176.0995

■ 1.5053, 0.5229,
12.3573

■ 102.9532, 86.9653,
217.8178

■ 0.3295, 0.0000,
6.8620

■ 131.1164,
112.7203, 265.6537

■ 0.0000, 0.0000,
3.2988

163.9974,

■ 0.0000, 0.0000,

143.1158, 320.0256

1.2492

201.9617,
178.5362, 381.3520

■ 0.0000, 0.0000,
0.0196

■ 0.0000, 0.0000,
0.0000

■ 20.1180, 14.3449,
62.0301

■ 20.1180, 14.3449,
62.0301

■ 16.7792, 10.3982,
61.4446

■ 24.4554, 19.5393,
62.8044

■ 14.3572, 7.5929,
61.0308

■ 29.8606, 26.0731,
63.7807

■ 12.7602, 5.8070,
60.7702

■ 36.3989, 34.0310,
64.9721

■ 11.8698, 4.8766,
60.6376

■ 44.1298, 43.4903,
66.3905

■ 11.7170, 4.7109,
60.6137

■ 53.1086, 54.5228,
68.0467

■ 63.3873, 67.1955,
69.9511

■ 75.0147, 81.5716,
72.1131

■ 87.6529, 96.9423,
74.4139

■ 88.5087, 97.3835,
74.4539

Harmonies

Analogous

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



13.7651, 14.3449, 73.8610



20.1180, 14.3449, 62.0301



25.7842, 14.3449, 36.9414

Triad

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



20.1180, 14.3449, 62.0301



19.8270, 14.3449, 1.0642



5.2736, 14.3449, 15.9952

Complementary

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



20.1180, 14.3449, 62.0301



48.4222, 58.6013, 18.2105

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.



6.0652, 14.3449, 4.6484



20.1180, 14.3449, 62.0301



13.5046, 14.3449, 0.4247

Square

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



20.1180, 14.3449, 62.0301



25.5855, 14.3449, 4.3663



8.7190, 14.3449, 1.1276



6.1414, 14.3449, 38.1003

Rectangle

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



20.1180, 14.3449, 62.0301



27.7853, 14.3449, 21.3600



8.7190, 14.3449, 1.1276



5.3515, 14.3449, 11.0118

Sweetspot

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



20.1187, 14.3453, 62.0305



69.5019, 68.5645, 104.1789



36.5154, 48.5009, 67.7590



14.3137, 13.9860, 22.1951



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.



20.1187, 14.3453, 62.0305



25.2885, 15.1075, 96.1909



28.9859, 18.9165, 62.4455



11.2447, 11.4595, 14.8629



7.2564, 2.9211, 37.3739



0.4351, 0.1785, 2.0911

Inverse Universe

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



40.2920, 24.8702, 57.3181



60.0362, 33.2578, 87.1002



35.5884, 51.9852, 17.6098



12.2709, 11.9931, 14.7025



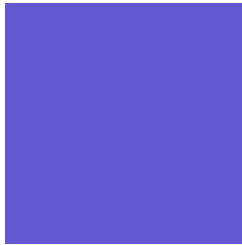
22.1854, 10.7470, 32.2120



1.2521, 0.6056, 1.8626

Previews

White Background



This preview shows how the XYZ color 20.1180, 14.3449, 62.0301 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 20.1180, 14.3449, 62.0301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

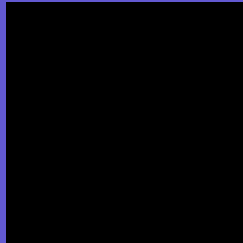
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.1180, 14.3449, 62.0301

Background



This preview shows how black text looks on a background with the XYZ color 20.1180, 14.3449, 62.0301.



This preview shows how white text looks on a background with the XYZ color 20.1180, 14.3449,

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

20.1180, 14.3449, 62.0301

Protanopia

17.1460, 14.4606, 66.8532

Deuteranopia

14.4397, 14.3560, 49.5869



Tritanopia

11.6996, 14.2340, 20.2200

Trichromacy



Original Color

20.1180, 14.3449, 62.0301



Protanomaly

17.0125, 13.7286, 64.7040



Deuteranomaly

15.3450, 13.6680, 54.0540



Tritanomaly

14.0083, 13.9060, 32.0828

Monochromacy



Original Color

20.1180, 14.3449, 62.0301



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

14.8993, 13.7316, 27.8518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1180, 14.3449, 62.0301 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, 89, 209) looks like.

```
.text, #text, p{  
    color:rgb(98, 89, 209)  
}
```

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, 89, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 89, 209) }
```

Border

The CSS property to change the border of an element to XYZ 20.1180, 14.3449, 62.0301 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, 89, 209) }
```


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

```
.border{ border-color:rgb(98, 89, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 89, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 89, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 89, 209);  
box-shadow:4px 4px 4px 4px rgb(98, 89,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1180, 14.3449, 62.0301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 89, 209) }
```

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

```
.background{ background-color: rgb(98, 89,  
209) }
```

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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