

Converting Colors

XYZ(18.2379, 19.6619, 31.2677)

Have a look what the booklet for
XYZ(18.2379, 19.6619, 31.2677)
contains.

XYZ(18.2379, 19.6619, 31.2677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.2379, 19.6619,
31.2677)**

Conversions

Conversions Part 1

Format	Color
Hex	667D95
RGB	102, 125, 149
RGB Percent	40%, 49%, 58%
CMY	0.6000, 0.5098, 0.4157
CMYK	0.32, 0.16, 0.00, 0.42
HSL	211°, 19%, 49%
HSV	211°, 32%, 58%
XYZ	18.2379, 19.6619, 31.2677
YIQ	120.8590, -21.4120, 2.5880

Conversions

Conversions Part 2

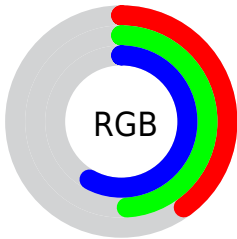
Format	Color
RYB	102, 117, 149
Decimal	6716821
CIELab	51.45, -2.35, -15.65
CIELCh	51, 15.828, 261.449
Yxy	19.6619, 0.2637, 0.2843
Android (android.graphics.Color)	4284906901 (0xFF667D95)
YUV	120.8590, 13.8735, -16.5393
Hunter-Lab	44.3417, -4.1804, -10.7693

Details

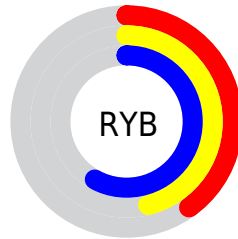
The XYZ color **18.2379, 19.6619, 31.2677** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.2539, 22.2709, 15.6967**, and the grayscale version is **18.0905, 19.0326, 20.7265**.

A 20% lighter version of the original color is **40.0263, 43.0226, 62.6945**, and **6.2572, 6.8076, 12.5395** is the 20% darker color. If you saturate the color by 10%, you get **15.7722, 17.0157, 30.8872**, and if you desaturate by 10%, it is **21.0822, 22.6137, 31.6879**.

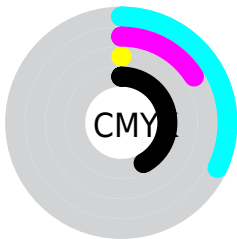
Distribution



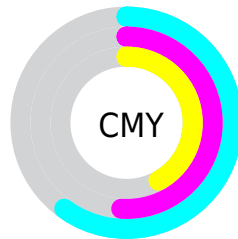
- Red (40%)
- Green (49%)
- Blue (58%)



- Red (40%)
- Yellow (46%)
- Blue (58%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2379, 19.6619, 31.2677 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 18.2379, 19.6619, 31.2677 by changing the saturation by 10% instead.

■ 18.2379, 19.6619,
31.2677

■ 18.2379, 19.6619,
31.2677

235.2283,
250.0789, 322.1590

■ 11.2216, 12.1495,
20.5426

■ 39.9692, 42.8496,
62.7458

■ 6.2845, 6.8456,
12.6021

■ 55.4149, 59.2937,
84.3359

■ 3.0611, 3.3657,
7.0276

■ 74.4012, 79.4839,
110.3847

■ 1.1862, 1.3255,
3.4007

■ 97.2934, 103.8044,
141.3109

■ 0.0954, 0.1608,
1.3027

124.4569,
132.6398, 177.5328

■ 0.0000, 0.0000,
0.0640

156.2569,

■ 0.0000, 0.0000,

166.3744, 219.4691

0.0000

193.0590,
205.3926, 267.5384

■ 18.2379, 19.6619,
31.2677

■ 18.2379, 19.6619,
31.2677

■ 15.7722, 17.0157,
30.8872

■ 21.0822, 22.6137,
31.6879

■ 13.6653, 14.6611,
30.5438

■ 24.3198, 25.8798,
32.1477

■ 11.8983, 12.5864,
30.2365

■ 27.9670, 29.4711,
32.6486

■ 10.4498, 10.7777,
29.9637

■ 32.0385, 33.3977,
33.1919

■ 9.2953, 9.2199,
29.7239

■ 36.5482, 37.6687,
33.7786

■ 8.4065, 7.8955,
29.5151

■ 41.5094, 42.2931,
34.4098

■ 7.8020, 6.9243,
29.3595

■ 46.9348, 47.2796,
35.0863

■ 52.8367, 52.6364,
35.8092

■ 59.2267, 58.3716,
36.5794

Harmonies

Analogous

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



16.8498, 19.6619, 28.9977



18.2379, 19.6619, 31.2677



19.8265, 19.6619, 30.6181

Triad

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



18.2379, 19.6619, 31.2677



21.6751, 19.6619, 18.3686



16.4013, 19.6619, 16.4100

Complementary

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



18.2379, 19.6619, 31.2677



22.2539, 22.2709, 15.6967

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.



17.5941, 19.6619, 14.2600



18.2379, 19.6619, 31.2677



20.6554, 19.6619, 15.2744

Square

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



18.2379, 19.6619, 31.2677



21.8716, 19.6619, 22.7346



19.1455, 19.6619, 13.8759



15.8295, 19.6619, 20.1349

Rectangle

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



18.2379, 19.6619, 31.2677



20.7821, 19.6619, 28.6512



19.1455, 19.6619, 13.8759



16.7396, 19.6619, 15.5024

Sweetspot

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



18.2385, 19.6627, 31.2682



45.0275, 47.8114, 57.7766



19.9611, 25.8136, 23.5009



9.7933, 10.4117, 12.7783



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.2385, 19.6627, 31.2682



29.4039, 31.7330, 55.4966



15.6562, 14.4980, 30.4074



5.7197, 6.0735, 7.3406



6.5960, 5.8869, 24.7197



0.1101, 0.1307, 0.3123

Inverse Universe

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



20.8480, 17.3735, 21.6574



34.9494, 27.3203, 34.9708



25.5406, 28.8442, 16.7923



5.9120, 5.8599, 6.6427



11.4565, 5.7876, 5.8847



0.1550, 0.0768, 0.1500

Previews

White Background



This preview shows how the XYZ color 18.2379, 19.6619, 31.2677 looks on a white 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

Black Background



This preview shows how the XYZ color 18.2379, 19.6619, 31.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

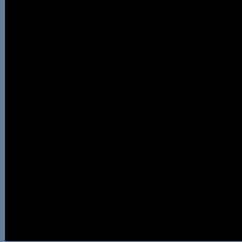
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

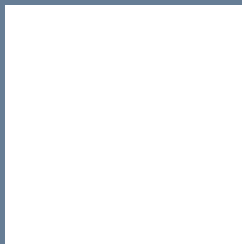
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2379, 19.6619, 31.2677

Background



This preview shows how black text looks on a background with the XYZ color 18.2379, 19.6619, 31.2677.

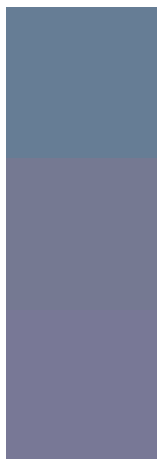


This preview shows how white text looks on a background with the XYZ color 18.2379, 19.6619,

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

18.2379, 19.6619, 31.2677

Protanopia

19.3618, 19.5320, 29.9437

Deuteranopia

19.9672, 19.6280, 31.5904



Tritanopia

17.2503, 19.6375, 26.5481

Trichromacy



Original Color

18.2379, 19.6619, 31.2677

Protanomaly

18.9081, 19.4704, 30.3654

Deuteranomaly

19.2746, 19.6318, 31.6276

Tritanomaly

17.5241, 19.5541, 28.0500

Monochromacy



Original Color

18.2379, 19.6619, 31.2677

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9957, 19.1352, 24.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2379, 19.6619, 31.2677 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(102, 125, 149)` looks like.

```
.text, #text, p{  
    color:rgb(102, 125, 149)  
}
```

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(102, 125, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 125, 149) }
```

Border

The CSS property to change the border of an element to XYZ 18.2379, 19.6619, 31.2677 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(102, 125, 149) }
```


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

```
.border{ border-color:rgb(102, 125, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 125, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 125, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 125, 149);  
box-shadow:4px 4px 4px 4px rgb(102, 125,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2379, 19.6619, 31.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 125, 149) }
```

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

```
.background{ background-color: rgb(102,  
125, 149) }
```

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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