

Converting Colors

XYZ(28.1666, 31.6955, 62.3907)

Have a look what the booklet for
XYZ(28.1666, 31.6955, 62.3907)
contains.

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Color

**XYZ(28.1369, 31.6369,
62.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9FCD
RGB	95, 159, 205
RGB Percent	37%, 62%, 80%
CMY	0.6274, 0.3765, 0.1961
CMYK	0.54, 0.22, 0.00, 0.20
HSL	205°, 52%, 59%
HSV	205°, 54%, 80%
XYZ	28.1369, 31.6369, 62.3812
YIQ	145.1080, -52.9100, 0.7380

Conversions

Conversions Part 2

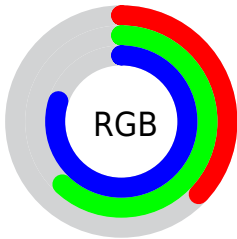
Format	Color
R _Y B	95, 135, 205
Decimal	6266829
CIE Lab	63.04, -7.46, -29.83
CIE LCh	63, 30.750, 255.955
Yxy	31.6369, 0.2303, 0.2590
Android (android.graphics.Color)	4284456909 (0xFF5F9FCD)
YUV	145.1080, 29.5268, -43.9447
Hunter-Lab	56.2467, -9.1387, -26.3837

Details

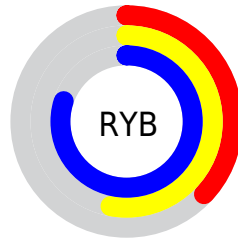
The XYZ color **28.1369, 31.6369, 62.3812** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **36.7684, 32.8566, 15.2318**, and the grayscale version is **26.8577, 28.2564, 30.7712**.

A 20% lighter version of the original color is **55.0455, 61.9885, 103.6715**, and **11.5136, 13.2508, 31.2290** is the 20% darker color. If you saturate the color by 10%, you get **24.8577, 27.8338, 61.8206**, and if you desaturate by 10%, it is **32.0808, 35.9357, 63.0037**.

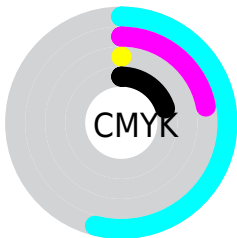
Distribution



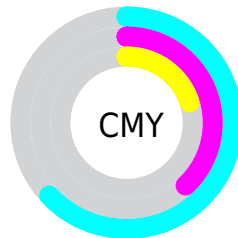
- Red (37%)
- Green (62%)
- Blue (80%)



- Red (37%)
- Yellow (53%)
- Blue (80%)



- Cyan (54%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (63%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1369, 31.6369, 62.3812 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 28.1369, 31.6369, 62.3812 by changing the saturation by 10% instead.

■ 28.1369, 31.6369,
62.3812

■ 28.1369, 31.6369,
62.3812

285.1887,
309.4619, 451.3662

■ 18.5699, 21.0843,
44.9030

■ 56.1101, 62.2414,
109.8532

■ 11.4620, 13.1856,
31.0386

■ 75.2469, 83.0622,
140.6841

■ 6.4481, 7.5565,
20.3696

■ 98.3043, 108.0744,
176.8030

■ 3.1626, 3.8125,
12.4772

■ 125.6478,
137.6625, 218.6284

■ 1.2403, 1.5692,
6.9431

157.6426,
172.2109, 266.5789

■ 0.1379, 0.3367,
3.3486

194.6541,

■ 0.0000, 0.0000,

212.1040, 321.0730

1.2753

237.0477,
257.7262, 382.5293

■ 0.0000, 0.0000,
0.0414

■ 0.0000, 0.0000,
0.0000

■ 28.1369, 31.6369,
62.3812

■ 28.1369, 31.6369,
62.3812

■ 24.8577, 27.8338,
61.8206

■ 32.0808, 35.9357,
63.0037

■ 22.1928, 24.4956,
61.3167

■ 36.7282, 40.7513,
63.6882

■ 20.0895, 21.5924,
60.8672

■ 42.1186, 46.1076,
64.4380

■ 18.4827, 19.0875,
60.4684

■ 48.2874, 52.0256,
65.2552

■ 17.6488, 17.6663,
60.2380

■ 55.2675, 58.5251,
66.1418

■ 63.0901, 65.6247,
67.0999

■ 71.7845, 73.3423,
68.1313

■ 79.8890, 80.9268,
69.1681

■ 82.3006, 85.7499,
69.9719

Harmonies

Analogous

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



24.7571, 31.6369, 54.0734



28.1369, 31.6369, 62.3812



32.3640, 31.6369, 62.0829

Triad

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



28.1369, 31.6369, 62.3812



38.5973, 31.6369, 28.4269



24.5890, 31.6369, 20.6459

Complementary

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



28.1369, 31.6369, 62.3812



36.7684, 32.8566, 15.2318

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.



27.8869, 31.6369, 16.5395



28.1369, 31.6369, 62.3812



36.0931, 31.6369, 20.2578

Square

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



28.1369, 31.6369, 62.3812



38.6803, 31.6369, 40.4219



32.0895, 31.6369, 16.4165



22.8427, 31.6369, 29.0924

Rectangle

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



28.1369, 31.6369, 62.3812



35.1083, 31.6369, 56.9804



32.0895, 31.6369, 16.4165



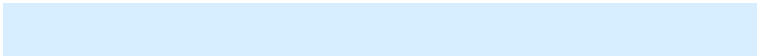
25.5382, 31.6369, 18.8093

Sweetspot

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



28.1380, 31.6381, 62.3820



76.3964, 82.6592, 106.5360



31.3470, 48.0146, 32.7513



15.8930, 17.2541, 22.7427



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.



28.1380, 31.6381, 62.3820



40.1614, 44.9204, 101.1615



20.7071, 16.7763, 59.9050



11.1348, 11.9101, 14.2824



11.0827, 11.1894, 37.5319



0.6457, 0.7251, 1.9609

Inverse Universe

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



35.5280, 23.6680, 35.4977



53.9929, 32.4569, 50.2935



46.9456, 53.2109, 18.6242



11.4814, 11.3213, 13.0697



17.8049, 8.9326, 11.9574



0.9559, 0.4758, 0.8134

Previews

White Background



This preview shows how the XYZ color 28.1369, 31.6369, 62.3812 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.1369, 31.6369, 62.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

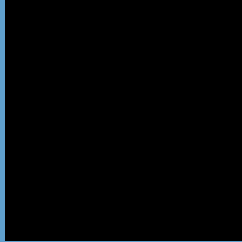
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.1369, 31.6369, 62.3812

Background



This preview shows how black text looks on a background with the XYZ color 28.1369, 31.6369, 62.3812.

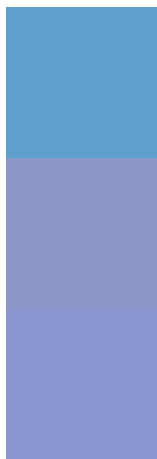


This preview shows how white text looks on a background with the XYZ color 28.1369, 31.6369,

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

28.1369, 31.6369, 62.3812

Protanopia

31.7468, 31.3789, 57.8096

Deuteranopia

32.1605, 31.4686, 63.4105



Tritanopia

24.9576, 31.6565, 46.3899

Trichromacy



Original Color

28.1369, 31.6369, 62.3812

Protanomaly

30.1022, 31.2105, 59.6960

Deuteranomaly

30.2775, 31.2318, 62.8251

Tritanomaly

26.0098, 31.5524, 51.7331

Monochromacy



Original Color

28.1369, 31.6369, 62.3812

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6338, 29.1147, 40.7752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1369, 31.6369, 62.3812 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(95, 159, 205)` looks like.

```
.text, #text, p{  
    color:rgb(95, 159, 205)  
}
```

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(95, 159, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 159, 205) }
```

Border

The CSS property to change the border of an element to XYZ 28.1369, 31.6369, 62.3812 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(95, 159, 205) }
```


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

```
.border{ border-color:rgb(95, 159, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 159, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 159, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 159, 205);  
box-shadow:4px 4px 4px 4px rgb(95, 159,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1369, 31.6369, 62.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 159, 205) }
```

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

```
.background{ background-color: rgb(95, 159,  
205) }
```

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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