

Converting Colors

XYZ(27.5077, 31.1659, 61.3248)

Have a look what the booklet for
XYZ(27.5077, 31.1659, 61.3248)
contains.

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Color

**XYZ(27.4200, 31.0408,
61.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9ECB
RGB	92, 158, 203
RGB Percent	36%, 62%, 80%
CMY	0.6392, 0.3804, 0.2039
CMYK	0.55, 0.22, 0.00, 0.20
HSL	204°, 52%, 58%
HSV	204°, 55%, 80%
XYZ	27.4200, 31.0408, 61.0462
YIQ	143.3960, -53.7810, 0.0030

Conversions

Conversions Part 2

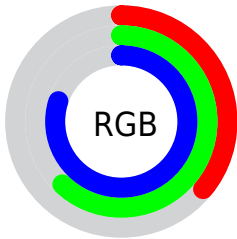
Format	Color
R _Y B	92, 133, 203
Decimal	6069963
CIE Lab	62.54, -8.16, -29.50
CIE LCh	63, 30.608, 254.530
Yxy	31.0408, 0.2294, 0.2597
Android (android.graphics.Color)	4284260043 (0xFF5C9ECB)
YUV	143.3960, 29.3848, -45.0743
Hunter-Lab	55.7143, -9.6505, -25.9641

Details

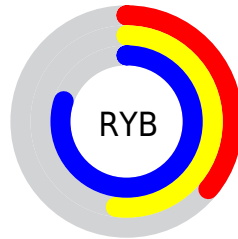
The XYZ color **27.4200, 31.0408, 61.0462** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **35.5072, 31.3620, 14.3086**, and the grayscale version is **26.1692, 27.5321, 29.9824**.

A 20% lighter version of the original color is **54.2387, 61.1981, 103.5615**, and **11.1085, 12.9049, 30.3392** is the 20% darker color. If you saturate the color by 10%, you get **24.3003, 27.4184, 60.5120**, and if you desaturate by 10%, it is **31.1791, 35.1336, 61.6387**.

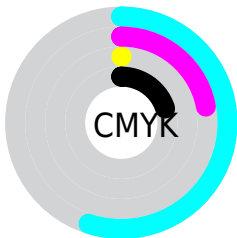
Distribution



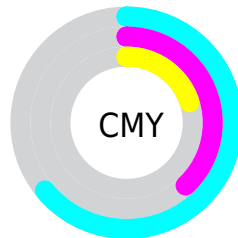
- Red (36%)
- Green (62%)
- Blue (80%)



- Red (36%)
- Yellow (52%)
- Blue (80%)



- Cyan (55%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4200, 31.0408, 61.0462 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 27.4200, 31.0408, 61.0462 by changing the saturation by 10% instead.

■ 27.4200, 31.0408,
61.0462

■ 27.4200, 31.0408,
61.0462

281.8156,
306.7262, 446.3546

■ 18.0271, 20.6299,
43.8317

■ 54.9722, 61.3043,
107.9040

■ 11.0693, 12.8538,
30.2020

■ 73.8623, 81.9257,
138.3844

■ 6.1811, 7.3279,
19.7386

■ 96.6488, 106.7194,
174.1237

■ 2.9972, 3.6680,
12.0230

■ 123.6972,
136.0698, 215.5406

■ 1.1523, 1.4896,
6.6366

155.3727,
170.3613, 263.0536

■ 0.0682, 0.2814,
3.1609

192.0406,

■ 0.0000, 0.0000,

209.9783, 317.0813

1.1774

234.0665,
255.3051, 378.0421

■ 0.0000, 0.0000,
0.0000

■ 27.4200, 31.0408,
61.0462

■ 27.4200, 31.0408,
61.0462

■ 24.3003, 27.4184,
60.5120

■ 31.1791, 35.1336,
61.6387

■ 21.7704, 24.2364,
60.0312

■ 35.6158, 39.7173,
62.2896

■ 19.7783, 21.4656,
59.6013

■ 40.7687, 44.8150,
63.0019

■ 18.2591, 19.0698,
59.2190

■ 46.6726, 50.4471,
63.7779

■ 17.5808, 17.9143,
59.0317

■ 53.3595, 56.6326,
64.6193

■ 60.8600, 63.3896,
65.5283

■ 69.2027, 70.7351,
66.5064

■ 78.4146, 78.6855,
67.5554

■ 80.8963, 83.3252,
68.3202

Harmonies

Analogous

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



24.1585, 31.0408, 52.5520



27.4200, 31.0408, 61.0462



31.5569, 31.0408, 61.1906

Triad

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



27.4200, 31.0408, 61.0462



37.9473, 31.0408, 28.3682



24.2398, 31.0408, 19.9517

Complementary

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



27.4200, 31.0408, 61.0462



35.5072, 31.3620, 14.3086

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.



27.5409, 31.0408, 16.1135



27.4200, 31.0408, 61.0462



35.5835, 31.0408, 20.1393

Square

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



27.4200, 31.0408, 61.0462



37.9071, 31.0408, 40.2869



31.6896, 31.0408, 16.1729



22.4436, 31.0408, 28.0465

Rectangle

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



27.4200, 31.0408, 61.0462



34.2757, 31.0408, 56.4120



31.6896, 31.0408, 16.1729



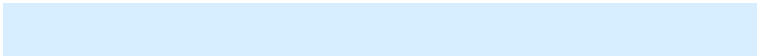
25.1959, 31.0408, 18.2154

Sweetspot

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



27.4211, 31.0419, 61.0470



76.5484, 82.9631, 106.5867



30.2431, 46.7770, 30.8782



15.9292, 17.3266, 22.7548



0.0000, 0.0000, 0.0000



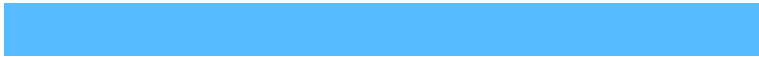
20.3446, 21.4041, 23.3091

Same Dimension

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



27.4211, 31.0419, 61.0470



39.6739, 44.6747, 101.1398



20.0545, 16.3089, 58.5914



11.1470, 11.9344, 14.2864



11.2796, 11.5832, 37.5976



0.6552, 0.7442, 1.9641

Inverse Universe

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



34.6283, 22.8206, 34.9285



53.5689, 31.6059, 50.1615



45.3889, 51.1254, 17.6025



11.4876, 11.3238, 13.1021



17.9043, 8.9723, 12.4808



0.9607, 0.4777, 0.8387

Previews

White Background



This preview shows how the XYZ color 27.4200, 31.0408, 61.0462 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 27.4200, 31.0408, 61.0462 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

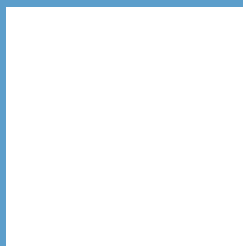
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4200, 31.0408, 61.0462

Background



This preview shows how black text looks on a background with the XYZ color 27.4200, 31.0408, 61.0462.



This preview shows how white text looks on a background with the XYZ color 27.4200, 31.0408,

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

27.4200, 31.0408, 61.0462

Protanopia

31.1925, 30.8837, 56.5417

Deuteranopia

31.5984, 30.9710, 62.0702



Tritanopia

24.4133, 31.1228, 45.7949

Trichromacy



Original Color

27.4200, 31.0408, 61.0462

Protanomaly

29.4222, 30.6449, 58.3972

Deuteranomaly

29.7351, 30.7380, 61.4926

Tritanomaly

25.4455, 31.0133, 51.0994

Monochromacy



Original Color

27.4200, 31.0408, 61.0462

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6936, 28.1815, 39.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4200, 31.0408, 61.0462 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(92, 158, 203)` looks like.

```
.text, #text, p{  
    color:rgb(92, 158, 203)  
}
```

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(92, 158, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 158, 203) }
```

Border

The CSS property to change the border of an element to XYZ 27.4200, 31.0408, 61.0462 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(92, 158, 203) }
```


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

```
.border{ border-color:rgb(92, 158, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 158, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 158, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 158, 203);  
box-shadow:4px 4px 4px 4px rgb(92, 158,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4200, 31.0408, 61.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 158, 203) }
```

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

```
.background{ background-color: rgb(92, 158,  
203) }
```

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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