

Converting Colors

XYZ(27.5828, 32.1816, 60.0162)

Have a look what the booklet for
XYZ(27.5828, 32.1816, 60.0162)
contains.

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Color

**XYZ(27.5828, 32.1816,
60.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	59A2C9
RGB	89, 162, 201
RGB Percent	35%, 64%, 79%
CMY	0.6510, 0.3647, 0.2118
CMYK	0.56, 0.19, 0.00, 0.21
HSL	201°, 51%, 57%
HSV	201°, 56%, 79%
XYZ	27.5828, 32.1816, 60.0162
YIQ	144.6190, -56.0270, -3.3470

Conversions

Conversions Part 2

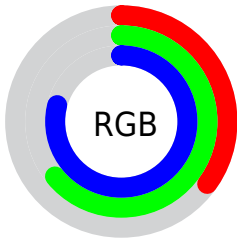
Format	Color
R_{YB}	89, 133, 201
Decimal	5874377
CIE _{Lab}	63.49, -11.61, -26.93
CIE _{LCh}	63, 29.323, 246.678
Yxy	32.1816, 0.2303, 0.2687
Android (android.graphics.Color)	4284064457 (0xFF59A2C9)
YUV	144.6190, 27.7958, -48.7779
Hunter-Lab	56.7288, -12.4848, -23.0156

Details

The XYZ color **27.5828, 32.1816, 60.0162** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **33.6107, 28.5784, 13.1971**, and the grayscale version is **26.6675, 28.0563, 30.5533**.

A 20% lighter version of the original color is **54.7169, 62.9567, 103.8757**, and **11.1309, 13.4072, 29.6049** is the 20% darker color. If you saturate the color by 10%, you get **24.7122, 28.9227, 59.5391**, and if you desaturate by 10%, it is **31.0507, 35.8516, 60.5424**.

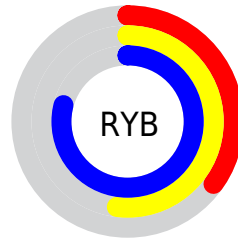
Distribution



Red (35%)

Green (64%)

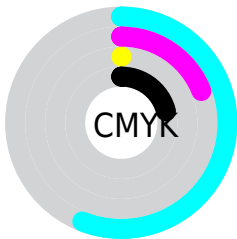
Blue (79%)



Red (35%)

Yellow (52%)

Blue (79%)

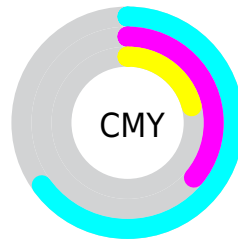


Cyan (56%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (65%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5828, 32.1816, 60.0162 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 27.5828, 32.1816, 60.0162 by changing the saturation by 10% instead.

■ 27.5828, 32.1816,
60.0162

■ 27.5828, 32.1816,
60.0162

282.5843,
311.9457, 442.4638

■ 18.1503, 21.5002,
43.0063

■ 55.2310, 63.0957,
106.3968

■ 11.1583, 13.4902,
29.5586

■ 74.1773, 84.0972,
136.6045

■ 6.2415, 7.7669,
19.2546

■ 97.0256, 109.3075,
172.0487

■ 3.0345, 3.9462,
11.6757

■ 124.1413,
139.1111, 213.1477

■ 1.1720, 1.6435,
6.4034

155.8896,
173.8923, 260.3202

■ 0.0841, 0.3867,
3.0192

192.6360,

■ 0.0000, 0.0000,

214.0355, 313.9847

1.1044

234.7458,
259.9252, 374.5597

■ 0.0000, 0.0000,
0.0000

■ 27.5828, 32.1816,
60.0162

■ 27.5828, 32.1816,
60.0162

■ 24.7122, 28.9227,
59.5391

■ 31.0507, 35.8516,
60.5424

■ 22.3906, 26.0464,
59.1063

■ 35.1528, 39.9514,
61.1175

■ 20.5668, 23.5253,
58.7158

■ 39.9265, 44.5024,
61.7444

■ 19.1764, 21.3245,
58.3642

■ 45.4054, 49.5236,
62.4248

■ 18.6603, 20.4522,
58.2231

■ 51.6206, 55.0325,
63.1605

■ 58.6013, 61.0455,
63.9532

■ 66.3751, 67.5783,
64.8045

■ 74.9680, 74.6459,
65.7158

■ 78.7065, 79.3247,
66.4218

Harmonies

Analogous

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



24.7119, 32.1816, 50.2639



27.5828, 32.1816, 60.0162



31.5100, 32.1816, 62.4608

Triad

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



27.5828, 32.1816, 60.0162



39.0691, 32.1816, 32.4895



26.1327, 32.1816, 19.9209

Complementary

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



27.5828, 32.1816, 60.0162



33.6107, 28.5784, 13.1971

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.



29.6835, 32.1816, 17.1130



27.5828, 32.1816, 60.0162



37.3279, 32.1816, 23.2501

Square

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



27.5828, 32.1816, 60.0162



38.3805, 32.1816, 44.7197



33.8032, 32.1816, 18.1795



23.9282, 32.1816, 26.8693

Rectangle

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



27.5828, 32.1816, 60.0162



34.2506, 32.1816, 59.2230



33.8032, 32.1816, 18.1795



27.1956, 32.1816, 18.5412

Sweetspot

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



27.5839, 32.1828, 60.0170



76.2327, 83.4293, 106.6933



28.7949, 45.4129, 27.1009



15.8947, 17.4737, 22.7850



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.



27.5839, 32.1828, 60.0170



41.3486, 48.3698, 101.7647



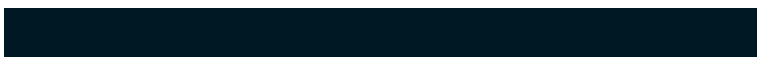
19.9911, 16.9972, 57.4860



10.6239, 11.4218, 13.5622



11.8212, 13.0363, 36.6376



0.6256, 0.7491, 1.7568

Inverse Universe

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



34.1823, 22.1721, 36.6616



54.3298, 31.5871, 55.1646



42.6877, 46.7323, 16.2228



10.9202, 10.7515, 12.5629



17.7661, 8.8560, 14.5102



0.8745, 0.4326, 0.8622

Previews

White Background



This preview shows how the XYZ color 27.5828, 32.1816, 60.0162 looks on a white background.

Color Contrast Check

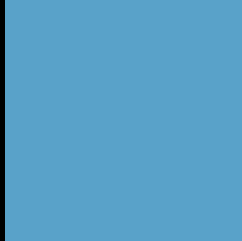
Large Text (above 18pt) WCAG AA × Fail

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 27.5828, 32.1816, 60.0162 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 27.5828, 32.1816, 60.0162

Background



This preview shows how black text looks on a background with the XYZ color 27.5828, 32.1816, 60.0162.

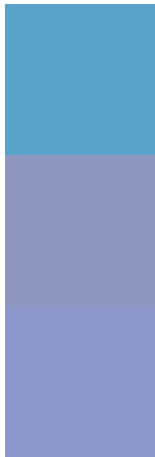


This preview shows how white text looks on a background with the XYZ color 27.5828, 32.1816,

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

27.5828, 32.1816, 60.0162

Protanopia

32.0199, 31.8231, 54.9069

Deuteranopia

32.7809, 32.0683, 61.5888



Tritanopia

25.1662, 32.2764, 47.5514

Trichromacy



Original Color

27.5828, 32.1816, 60.0162

Protanomaly

29.8535, 31.6392, 56.7581

Deuteranomaly

30.3860, 31.8194, 61.0402

Tritanomaly

26.0809, 32.3829, 51.8896

Monochromacy



Original Color

27.5828, 32.1816, 60.0162

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3156, 29.2098, 39.8484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5828, 32.1816, 60.0162 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(89, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(89, 162, 201)  
}
```

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(89, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 162, 201) }
```

Border

The CSS property to change the border of an element to XYZ 27.5828, 32.1816, 60.0162 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(89, 162, 201) }
```


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

```
.border{ border-color:rgb(89, 162, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 162, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(89, 162,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5828, 32.1816, 60.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 162, 201) }
```

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

```
.background{ background-color: rgb(89, 162,  
201) }
```

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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