

Converting Colors

XYZ(25.0106, 29.1027, 58.3320)

Have a look what the booklet for
XYZ(25.0106, 29.1027, 58.3320)
contains.

XYZ(25.0106, 29.1027, 58.3320)	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(25.0106, 29.1027,
58.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9BC7
RGB	76, 155, 199
RGB Percent	30%, 61%, 78%
CMY	0.7019, 0.3921, 0.2196
CMYK	0.62, 0.22, 0.00, 0.22
HSL	201°, 52%, 54%
HSV	201°, 62%, 78%
XYZ	25.0106, 29.1027, 58.3320
YIQ	136.3950, -61.2080, -3.0640

Conversions

Conversions Part 2

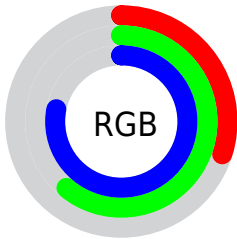
Format	Color
RYB	76, 124, 199
Decimal	5020615
CIELab	60.87, -10.94, -29.90
CIELCh	61, 31.836, 249.899
Yxy	29.1027, 0.2224, 0.2588
Android (android.graphics.Color)	4283210695 (0xFF4C9BC7)
YUV	136.3950, 30.8643, -52.9664
Hunter-Lab	53.9469, -11.6518, -26.3466

Details

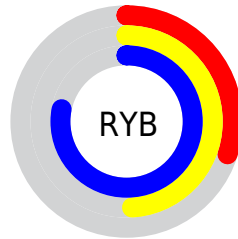
The XYZ color **25.0106, 29.1027, 58.3320** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **31.5752, 26.0982, 10.2118**, and the grayscale version is **23.4551, 24.6766, 26.8728**.

A 20% lighter version of the original color is **50.8421, 57.9718, 103.1178**, and **10.0611, 11.9450, 28.5634** is the 20% darker color. If you saturate the color by 10%, you get **22.5174, 26.1106, 57.8864**, and if you desaturate by 10%, it is **28.0646, 32.4886, 58.8251**.

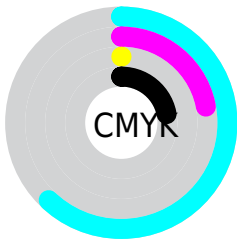
Distribution



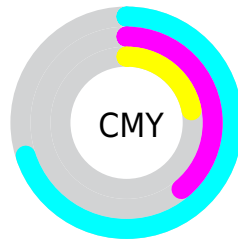
- Red (30%)
- Green (61%)
- Blue (78%)



- Red (30%)
- Yellow (49%)
- Blue (78%)



- Cyan (62%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (70%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0106, 29.1027, 58.3320 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 25.0106, 29.1027, 58.3320 by changing the saturation by 10% instead.

■ 25.0106, 29.1027,
58.3320

■ 25.0106, 29.1027,
58.3320

270.2374,
297.6992, 436.0547

■ 16.2137, 19.1585,
41.6591

■ 51.1172, 58.2402,
103.9257

■ 9.7673, 11.7849,
28.5109

■ 69.1576, 78.2023,
133.6837

■ 5.3060, 6.5974,
18.4688

■ 91.0099, 102.2726,
168.6404

■ 2.4645, 3.2116,
11.1141

■ 117.0395,
130.8353, 209.2144

■ 0.8774, 1.2432,
6.0285

147.6117,
164.2750, 255.8244

■ 0.0000, 0.0966,
2.7934

183.0918,

■ 0.0000, 0.0000,

202.9759, 308.8887

0.9901

223.8453,
247.3225, 368.8259

■ 0.0000, 0.0000,
0.0000

■ 25.0106, 29.1027,
58.3320

■ 25.0106, 29.1027,
58.3320

■ 22.5174, 26.1106,
57.8864

■ 28.0646, 32.4886,
58.8251

■ 20.5339, 23.4828,
57.4838

■ 31.7183, 36.2886,
59.3660

■ 19.0041, 21.1889,
57.1216

■ 36.0104, 40.5248,
59.9575

■ 18.0037, 19.5131,
56.8509

■ 40.9753, 45.2166,
60.6014

■ 46.6449, 50.3820,
61.2996

■ 53.0488, 56.0379,
62.0538

■ 60.2150, 62.2003,
62.8656

■ 68.1698, 68.8843,
63.7364

■ 76.8991, 76.0839,
64.6660

Harmonies

Analogous

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



21.9843, 29.1027, 48.7073



25.0106, 29.1027, 58.3320



29.0547, 29.1027, 59.9247

Triad

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



25.0106, 29.1027, 58.3320



36.2825, 29.1027, 27.9222



22.8557, 29.1027, 17.1998

Complementary

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



25.0106, 29.1027, 58.3320



31.5752, 26.0982, 10.2118

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.



26.3131, 29.1027, 14.0964



25.0106, 29.1027, 58.3320



34.2399, 29.1027, 19.1819

Square

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



25.0106, 29.1027, 58.3320



35.8446, 29.1027, 40.2010



30.4928, 29.1027, 14.7177



20.8291, 29.1027, 24.4704

Rectangle

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



25.0106, 29.1027, 58.3320



31.8290, 29.1027, 55.8911



30.4928, 29.1027, 14.7177



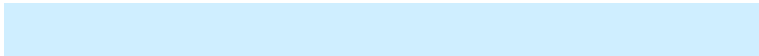
23.8742, 29.1027, 15.7286

Sweetspot

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



25.0116, 29.1037, 58.3327



74.1346, 81.3766, 106.4077



26.7376, 43.7172, 24.4989



15.2818, 16.8766, 22.7020



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.



25.0116, 29.1037, 58.3327



38.1929, 44.1405, 101.1147



17.3332, 13.7469, 55.7732



10.6152, 11.4045, 13.5593



11.6619, 12.7178, 36.5845



0.6189, 0.7355, 1.7545

Inverse Universe

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



32.0549, 19.6786, 33.1202



52.2287, 28.8008, 50.0994



41.2910, 45.5298, 13.4504



10.9158, 10.7497, 12.5400



17.6857, 8.8239, 14.0869



0.8711, 0.4313, 0.8442

Previews

White Background



This preview shows how the XYZ color 25.0106, 29.1027, 58.3320 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 25.0106, 29.1027, 58.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

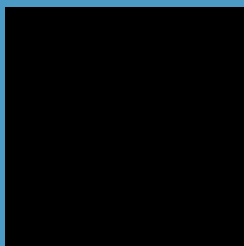
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

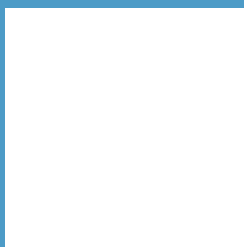
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0106, 29.1027, 58.3320

Background



This preview shows how black text looks on a background with the XYZ color 25.0106, 29.1027, 58.3320.

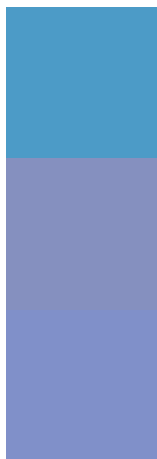


This preview shows how white text looks on a background with the XYZ color 25.0106, 29.1027,

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

25.0106, 29.1027, 58.3320

Protanopia

29.0501, 28.6947, 53.2977

Deuteranopia

29.4180, 28.7528, 59.2577



Tritanopia

22.2280, 29.2487, 44.0092

Trichromacy



Original Color

25.0106, 29.1027, 58.3320

Protanomaly

27.0096, 28.5196, 55.1202

Deuteranomaly

27.3219, 28.6011, 58.7241

Tritanomaly

23.0543, 29.0601, 48.6500

Monochromacy



Original Color

25.0106, 29.1027, 58.3320

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0199, 25.7255, 36.5531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0106, 29.1027, 58.3320 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(76, 155, 199)` looks like.

```
.text, #text, p{  
    color:rgb(76, 155, 199)  
}
```

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(76, 155, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 155, 199) }
```

Border

The CSS property to change the border of an element to XYZ 25.0106, 29.1027, 58.3320 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(76, 155, 199) }
```


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

```
.border{ border-color:rgb(76, 155, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 155, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 155, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 155, 199);  
box-shadow:4px 4px 4px 4px rgb(76, 155,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0106, 29.1027, 58.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 155, 199) }
```

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

```
.background{ background-color: rgb(76, 155,  
199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor