

Converting Colors

XYZ(25.0429, 29.0668, 69.0109)

Have a look what the booklet for
XYZ(25.0429, 29.0668, 69.0109)
contains.

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Color

**XYZ(25.1198, 29.1661,
69.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	279CD8
RGB	39, 156, 216
RGB Percent	15%, 61%, 85%
CMY	0.8470, 0.3882, 0.1529
CMYK	0.82, 0.28, 0.00, 0.15
HSL	200°, 69%, 50%
HSV	200°, 82%, 85%
XYZ	25.1198, 29.1661, 69.2714
YIQ	127.8570, -88.9920, -6.1440

Conversions

Conversions Part 2

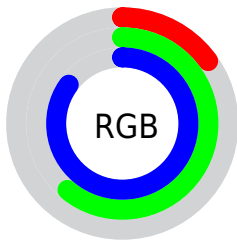
Format	Color
R_{YB}	39, 109, 216
Decimal	2596056
CIE _{Lab}	60.93, -10.72, -39.38
CIE _{LCh}	61, 40.811, 254.777
Yxy	29.1661, 0.2033, 0.2361
Android (android.graphics.Color)	4280786136 (0xFF279CD8)
YUV	127.8570, 43.4545, -77.9276
Hunter-Lab	54.0056, -11.4837, -38.2455

Details

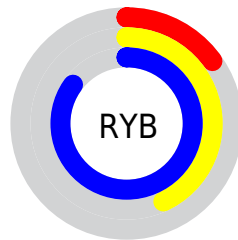
The XYZ color **25.1198, 29.1661, 69.2714** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **33.1490, 23.6723, 4.7430**, and the grayscale version is **20.3467, 21.4063, 23.3115**.

A 20% lighter version of the original color is **48.0360, 56.8906, 103.0570**, and **11.4846, 12.6764, 35.5597** is the 20% darker color. If you saturate the color by 10%, you get **23.3302, 26.4744, 68.8468**, and if you desaturate by 10%, it is **27.4506, 32.2476, 69.7439**.

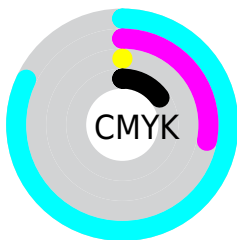
Distribution



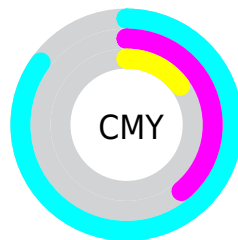
- Red (15%)
- Green (61%)
- Blue (85%)



- Red (15%)
- Yellow (43%)
- Blue (85%)



- Cyan (82%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1198, 29.1661, 69.2714 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 25.1198, 29.1661, 69.2714 by changing the saturation by 10% instead.

■ 25.1198, 29.1661,
69.2714

■ 25.1198, 29.1661,
69.2714

270.7707,
297.9979, 476.7074

■ 16.2955, 19.2065,
50.4596

■ 51.2930, 58.3409,
119.8405

■ 9.8257, 11.8196,
35.4050

■ 69.3727, 78.3249,
152.4349

■ 5.3449, 6.6210,
23.6890

■ 91.2681, 102.4191,
190.4606

■ 2.4879, 3.2262,
14.8930

■ 117.3448,
131.0080, 234.3361

■ 0.8891, 1.2509,
8.5985

■ 147.9681,
164.4759, 284.4800

■ 0.0000, 0.1027,
4.3870

183.5032,

■ 0.0000, 0.0000,

203.2073, 341.3109

1.8400

224.3156,
247.5864, 405.2472

■ 0.0000, 0.0000,
0.4541

■ 0.0000, 0.0000,
0.0000

■ 25.1198, 29.1661,
69.2714

■ 25.1198, 29.1661,
69.2714

■ 23.3302, 26.4744,
68.8468

■ 27.4506, 32.2476,
69.7439

■ 22.1835, 24.5353,
68.5329

■ 30.3896, 35.7541,
70.2659

■ 33.9968, 39.7187,
70.8410

■ 38.3234, 44.1696,
71.4721

■ 43.4154, 49.1323,
72.1616

■ 49.3147, 54.6302,
72.9119

■ 56.0601, 60.6848,
73.7250

■ 63.6878, 67.3164,
74.6030

■ 72.2316, 74.5441,
75.5478

Harmonies

Analogous

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



21.0720, 29.1661, 57.2024



25.1198, 29.1661, 69.2714



30.4150, 29.1661, 69.3707

Triad

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



25.1198, 29.1661, 69.2714



38.8431, 29.1661, 24.8515



21.1190, 29.1661, 15.1623

Complementary

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



25.1198, 29.1661, 69.2714



33.1490, 23.6723, 4.7430

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.



25.1919, 29.1661, 11.0090



25.1198, 29.1661, 69.2714



35.6406, 29.1661, 15.2610

Square

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



25.1198, 29.1661, 69.2714



38.8173, 29.1661, 40.0927



30.4969, 29.1661, 11.0382



18.9715, 29.1661, 24.6649

Rectangle

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



25.1198, 29.1661, 69.2714



33.9792, 29.1661, 62.4328



30.4969, 29.1661, 11.0382



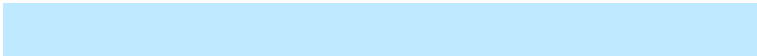
22.2835, 29.1661, 13.2516

Sweetspot

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



25.1209, 29.1671, 69.2721



68.8477, 76.8267, 105.8081



27.5986, 50.4259, 19.8367



14.0849, 15.8368, 22.5644



0.0000, 0.0000, 0.0000



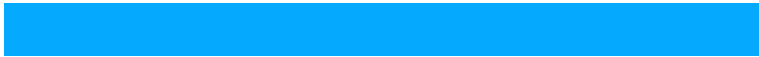
20.3446, 21.4041, 23.3091

Same Dimension

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



25.1209, 29.1671, 69.2721



32.5415, 36.1081, 99.8622



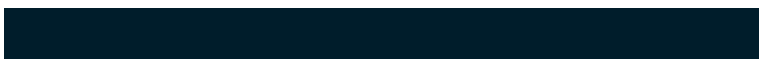
15.3305, 9.5863, 66.0087



12.4212, 13.3658, 15.8627



13.2338, 14.7293, 40.5987



0.8734, 1.0389, 2.4738

Inverse Universe

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



35.0461, 18.4515, 33.1676



48.5778, 24.2837, 40.2970



46.3508, 50.0760, 9.1436



12.7658, 12.5578, 14.7069



19.7386, 9.8318, 16.4596



1.2285, 0.6082, 1.1927

Previews

White Background



This preview shows how the XYZ color 25.1198, 29.1661, 69.2714 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 25.1198, 29.1661, 69.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

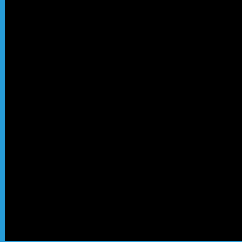
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1198, 29.1661, 69.2714

Background



This preview shows how black text looks on a background with the XYZ color 25.1198, 29.1661, 69.2714.

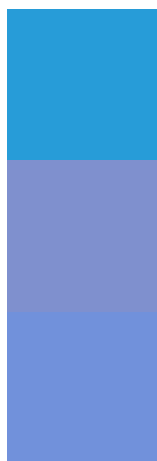


This preview shows how white text looks on a background with the XYZ color 25.1198, 29.1661,

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

25.1198, 29.1661, 69.2714

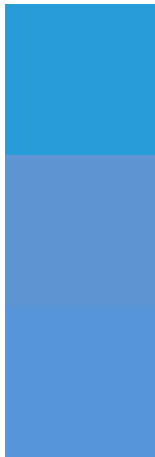
Protanopia

29.8662, 28.9148, 62.3995

Deuteranopia

29.7216, 28.8760, 71.0250

Trichromacy



Original Color

25.1198, 29.1661, 69.2714

Protanomaly

26.9421, 28.2658, 65.0086

Deuteranomaly

27.2401, 28.5353, 70.4018

Monochromacy



Original Color

25.1198, 29.1661, 69.2714

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.2575, 23.2018, 36.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1198, 29.1661, 69.2714 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(39, 156, 216)` looks like.

```
.text, #text, p{  
    color:rgb(39, 156, 216)  
}
```

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(39, 156, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 156, 216) }
```

Border

The CSS property to change the border of an element to XYZ 25.1198, 29.1661, 69.2714 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(39, 156, 216) }
```

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

```
.border{ border-color:rgb(39, 156, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 156, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 156, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 156, 216);  
box-shadow:4px 4px 4px 4px rgb(39, 156,  
216) }
```


Background

The CSS property to change the background color of an element to XYZ 25.1198, 29.1661, 69.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 156, 216) }
```

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

```
.background{ background-color: rgb(39, 156,  
216) }
```

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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