

Converting Colors

XYZ(23.9156, 27.1910, 69.3142)

Have a look what the booklet for
XYZ(23.9156, 27.1910, 69.3142)
contains.

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Color

**XYZ(23.9096, 27.0693,
69.6104)**

Conversions

Conversions Part 1

Format	Color
Hex	1C96D9
RGB	28, 150, 217
RGB Percent	11%, 59%, 85%
CMY	0.8901, 0.4118, 0.1490
CMYK	0.87, 0.31, 0.00, 0.15
HSL	201°, 77%, 48%
HSV	201°, 87%, 85%
XYZ	23.9096, 27.0693, 69.6104
YIQ	121.1600, -94.2190, -5.0270

Conversions

Conversions Part 2

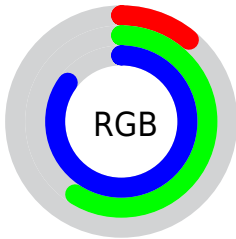
Format	Color
RYB	28, 102, 217
Decimal	1873625
CIELab	59.04, -7.81, -42.92
CIElCh	59, 43.621, 259.687
Yxy	27.0693, 0.1983, 0.2245
Android (android.graphics.Color)	4280063705 (0xFF1C96D9)
YUV	121.1600, 47.2491, -81.7013
Hunter-Lab	52.0282, -9.0194, -42.9066

Details

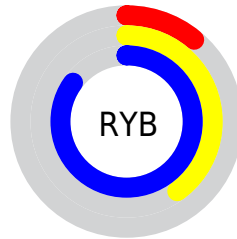
The XYZ color **23.9096, 27.0693, 69.6104** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **32.9197, 23.0243, 3.8092**, and the grayscale version is **18.1021, 19.0448, 20.7398**.

A 20% lighter version of the original color is **45.9495, 53.6569, 102.5428**, and **11.0788, 11.7230, 35.8613** is the 20% darker color. If you saturate the color by 10%, you get **22.3226, 24.4884, 69.1965**, and if you desaturate by 10%, it is **26.0012, 30.0307, 70.0723**.

Distribution



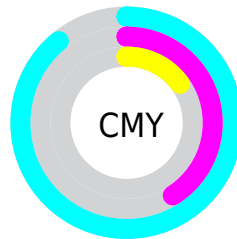
- Red (11%)
- Green (59%)
- Blue (85%)



- Red (11%)
- Yellow (40%)
- Blue (85%)



- Cyan (87%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (89%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9096, 27.0693, 69.6104 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 23.9096, 27.0693, 69.6104 by changing the saturation by 10% instead.

■ 23.9096, 27.0693,
69.6104

■ 23.9096, 27.0693,
69.6104

264.8121,
287.9925, 477.9330

■ 15.3909, 17.6253,
50.7341

■ 49.3384, 54.9951,
120.3289

■ 9.1823, 10.6813,
35.6218

■ 66.9792, 74.2456,
153.0082

■ 4.9184, 5.8530,
23.8549

■ 88.3915, 97.5337,
191.1256

■ 2.2337, 2.7559,
15.0148

■ 113.9406,
125.2439, 235.0996

■ 0.7604, 1.0056,
8.6830

■ 143.9919,
157.7604, 285.3489

■ 0.0000, 0.0000,
4.4410

178.9106,

■ 0.0000, 0.0000,

195.4678, 342.2918

1.8703

219.0622,
238.7503, 406.3470

■ 0.0000, 0.0000,
0.4737

■ 0.0000, 0.0000,
0.0000

■ 23.9096, 27.0693,
69.6104

■ 23.9096, 27.0693,
69.6104

■ 22.3226, 24.4884,
69.1965

■ 26.0012, 30.0307,
70.0723

■ 21.9123, 23.7853,
69.0824

■ 28.6795, 33.4161,
70.5846

■ 32.0105, 37.2620,
71.1514

■ 36.0498, 41.5992,
71.7757

■ 40.8467, 46.4551,
72.4601

■ 46.4457, 51.8548,
73.2073

■ 52.8878, 57.8212,
74.0194

■ 60.2110, 64.3759,
74.8986

■ 68.4508, 71.5391,
75.8469

Harmonies

Analogous

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



19.5644, 27.0693, 58.5521



23.9096, 27.0693, 69.6104



29.3972, 27.0693, 67.3979

Triad

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



23.9096, 27.0693, 69.6104



36.8271, 27.0693, 20.5281



18.5792, 27.0693, 14.0876

Complementary

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



23.9096, 27.0693, 69.6104



32.9197, 23.0243, 3.8092

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.



22.3786, 27.0693, 9.3719



23.9096, 27.0693, 69.6104



33.0680, 27.0693, 12.0847

Square

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



23.9096, 27.0693, 69.6104



37.3891, 27.0693, 35.1397



27.6375, 27.0693, 8.7966



16.7858, 27.0693, 24.4524

Rectangle

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



23.9096, 27.0693, 69.6104



32.9651, 27.0693, 58.8835



27.6375, 27.0693, 8.7966



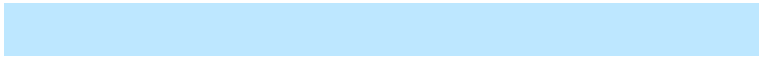
19.6370, 27.0693, 11.9695

Sweetspot

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



23.9106, 27.0702, 69.6111



67.6764, 75.4294, 105.6001



27.3204, 50.6845, 18.9718



13.8452, 15.5381, 22.5194



0.0000, 0.0000, 0.0000



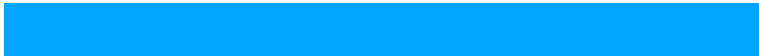
20.3446, 21.4041, 23.3091

Same Dimension

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



23.9106, 27.0702, 69.6111



31.4319, 33.9838, 99.5106



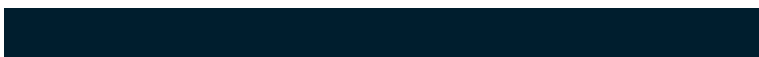
14.4362, 8.1214, 66.4530



13.0363, 14.0123, 16.6697



13.3673, 14.6041, 41.8527



0.9461, 1.1062, 2.7381

Inverse Universe

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



34.5365, 17.7855, 30.4675



47.9946, 23.9618, 37.4990



46.9487, 51.0824, 8.4855



13.4082, 13.1924, 15.4107



20.2425, 10.0981, 16.1891



1.3518, 0.6704, 1.2616

Previews

White Background



This preview shows how the XYZ color 23.9096, 27.0693, 69.6104 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 23.9096, 27.0693, 69.6104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

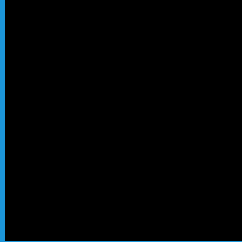
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

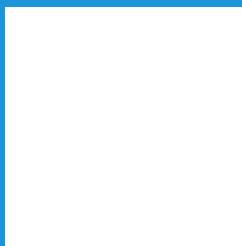
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9096, 27.0693, 69.6104

Background



This preview shows how black text looks on a background with the XYZ color 23.9096, 27.0693, 69.6104.

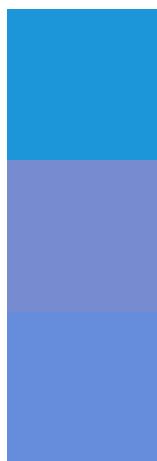


This preview shows how white text looks on a background with the XYZ color 23.9096, 27.0693,

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

23.9096, 27.0693, 69.6104

Protanopia

28.0890, 26.8709, 63.3807

Deuteranopia

27.6779, 26.9309, 70.7572



Tritanopia

19.2184, 26.9785, 41.7306

Trichromacy



Original Color

23.9096, 27.0693, 69.6104

Protanomaly

25.3266, 26.2794, 65.3656

Deuteranomaly

25.4522, 26.4643, 70.0963

Tritanomaly

20.5437, 26.7209, 50.5293

Monochromacy



Original Color

23.9096, 27.0693, 69.6104

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.1825, 20.9291, 34.5339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9096, 27.0693, 69.6104 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(28, 150, 217)` looks like.

```
.text, #text, p{  
  color:rgb(28, 150, 217)  
}
```

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(28, 150, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 150, 217) }
```

Border

The CSS property to change the border of an element to XYZ 23.9096, 27.0693, 69.6104 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(28, 150, 217) }
```


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

```
.border{ border-color:rgb(28, 150, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 150, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 150, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 150, 217);  
box-shadow:4px 4px 4px 4px rgb(28, 150,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9096, 27.0693, 69.6104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 150, 217) }
```

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

```
.background{ background-color: rgb(28, 150,  
217) }
```

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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