

Converting Colors

XYZ(24.0979, 27.3915, 69.8814)

Have a look what the booklet for
XYZ(24.0979, 27.3915, 69.8814)
contains.

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Color

**XYZ(24.0699, 27.3898,
69.6638)**

Conversions

Conversions Part 1

Format	Color
Hex	1C97D9
RGB	28, 151, 217
RGB Percent	11%, 59%, 85%
CMY	0.8901, 0.4078, 0.1490
CMYK	0.87, 0.30, 0.00, 0.15
HSL	201°, 77%, 48%
HSV	201°, 87%, 85%
XYZ	24.0699, 27.3898, 69.6638
YIQ	121.7470, -94.4940, -5.5500

Conversions

Conversions Part 2

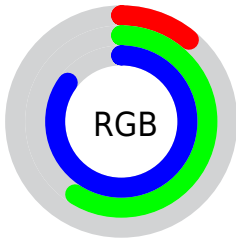
Format	Color
R _Y B	28, 103, 217
Decimal	1873881
CIE Lab	59.33, -8.38, -42.45
CIE LCh	59, 43.271, 258.837
Yxy	27.3898, 0.1987, 0.2261
Android (android.graphics.Color)	4280063961 (0xFF1C97D9)
YUV	121.7470, 46.9597, -82.2161
Hunter-Lab	52.3353, -9.4915, -42.2866

Details

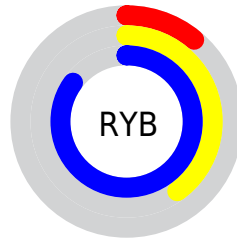
The XYZ color **24.0699, 27.3898, 69.6638** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **32.8304, 22.8458, 3.7796**, and the grayscale version is **18.2930, 19.2457, 20.9586**.

A 20% lighter version of the original color is **46.1880, 54.1339, 102.6223**, and **11.0788, 11.7230, 35.8613** is the 20% darker color. If you saturate the color by 10%, you get **22.4897, 24.8227, 69.2522**, and if you desaturate by 10%, it is **26.1525, 30.3331, 70.1227**.

Distribution



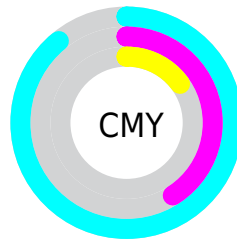
- Red (11%)
- Green (59%)
- Blue (85%)



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



- Cyan (87%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0699, 27.3898, 69.6638 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 24.0699, 27.3898, 69.6638 by changing the saturation by 10% instead.

■ 24.0699, 27.3898,
69.6638

■ 24.0699, 27.3898,
69.6638

265.6076,
289.5395, 478.1259

■ 15.5105, 17.8662,
50.7774

■ 49.5981, 55.5087,
120.4058

■ 9.2671, 10.8540,
35.6560

■ 67.2976, 74.8729,
153.0985

■ 4.9743, 5.9687,
23.8810

■ 88.7745, 98.2859,
191.2303

■ 2.2668, 2.8261,
15.0340

■ 114.3942,
126.1324, 235.2198

■ 0.7776, 1.0416,
8.6964

■ 144.5219,
158.7966, 285.4856

■ 0.0000, 0.0000,
4.4496

179.5232,

■ 0.0000, 0.0000,

196.6629, 342.4462

1.8751

219.7633,
240.1157, 406.5201

■ 0.0000, 0.0000,
0.4768

■ 0.0000, 0.0000,
0.0000

■ 24.0699, 27.3898,
69.6638

■ 24.0699, 27.3898,
69.6638

■ 22.4897, 24.8227,
69.2522

■ 26.1525, 30.3331,
70.1227

■ 22.0809, 24.1225,
69.1386

■ 28.8195, 33.6958,
70.6312

■ 32.1369, 37.5144,
71.1934

■ 36.1602, 41.8194,
71.8124

■ 40.9386, 46.6383,
72.4906

■ 46.5166, 51.9959,
73.2308

■ 52.9352, 57.9151,
74.0350

■ 60.2322, 64.4172,
74.9054

■ 68.4431, 71.5225,
75.8441

Harmonies

Analogous

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



19.7663, 27.3898, 58.3605



24.0699, 27.3898, 69.6638



29.5402, 27.3898, 67.8617

Triad

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



24.0699, 27.3898, 69.6638



37.1777, 27.3898, 21.1971



18.9578, 27.3898, 14.1920

Complementary

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



24.0699, 27.3898, 69.6638



32.8304, 22.8458, 3.7796

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.



22.8153, 27.3898, 9.5730



24.0699, 27.3898, 69.6638



33.5017, 27.3898, 12.5410

Square

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



24.0699, 27.3898, 69.6638



37.6368, 27.3898, 35.9733



28.1004, 27.3898, 9.0970



17.0994, 27.3898, 24.4167

Rectangle

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



24.0699, 27.3898, 69.6638



33.1204, 27.3898, 59.5854



28.1004, 27.3898, 9.0970



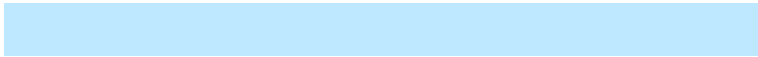
20.0368, 27.3898, 12.1096

Sweetspot

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



24.0709, 27.3907, 69.6645



67.7748, 75.6263, 105.6330



27.1818, 50.6290, 18.2413



13.8686, 15.5850, 22.5272



0.0000, 0.0000, 0.0000



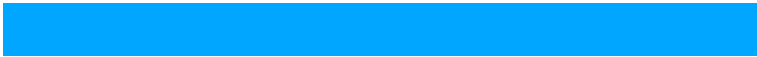
20.3446, 21.4041, 23.3091

Same Dimension

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



24.0709, 27.3907, 69.6645



31.6755, 34.4711, 99.5918



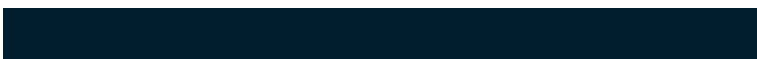
14.5950, 8.4389, 66.5059



13.0422, 14.0242, 16.6717



13.4689, 14.8072, 41.8866



0.9521, 1.1184, 2.7401

Inverse Universe

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



34.6174, 17.8180, 30.8934



48.1175, 24.0110, 38.1466



46.2803, 49.7454, 8.2628



13.4112, 13.1936, 15.4265



20.2938, 10.1186, 16.4591



1.3549, 0.6716, 1.2778

Previews

White Background



This preview shows how the XYZ color 24.0699, 27.3898, 69.6638 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 24.0699, 27.3898, 69.6638 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

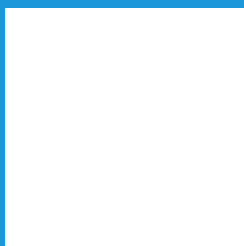
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0699, 27.3898, 69.6638

Background



This preview shows how black text looks on a background with the XYZ color 24.0699, 27.3898, 69.6638.



This preview shows how white text looks on a background with the XYZ color 24.0699, 27.3898,

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

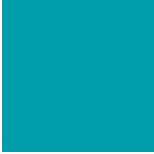
24.0699, 27.3898, 69.6638

Protanopia

28.2483, 27.1831, 62.7895

Deuteranopia

27.9387, 27.2853, 70.8119



Tritanopia

19.4826, 27.3560, 42.2836

Trichromacy



Original Color

24.0699, 27.3898, 69.6638

Protanomaly

25.5689, 26.6281, 65.4201

Deuteranomaly

25.6819, 26.8086, 70.1507

Tritanomaly

20.8162, 27.0951, 51.1465

Monochromacy



Original Color

24.0699, 27.3898, 69.6638

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4978, 21.2841, 35.0316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0699, 27.3898, 69.6638 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, 151, 217)` looks like.

```
.text, #text, p{  
    color:rgb(28, 151, 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, 151, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 151, 217) }
```

Border

The CSS property to change the border of an element to XYZ 24.0699, 27.3898, 69.6638 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, 151, 217) }
```


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

```
.border{ border-color:rgb(28, 151, 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, 151, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 151, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 151, 217);  
box-shadow:4px 4px 4px 4px rgb(28, 151,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0699, 27.3898, 69.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 151, 217) }
```

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

```
.background{ background-color: rgb(28, 151,  
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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