

Converting Colors

XYZ(30.2709, 39.6837, 72.3949)

Have a look what the booklet for
XYZ(30.2709, 39.6837, 72.3949)
contains.

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Color

**XYZ(30.1963, 39.5496,
72.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	19B8DA
RGB	25, 184, 218
RGB Percent	10%, 72%, 85%
CMY	0.9019, 0.2784, 0.1451
CMYK	0.89, 0.16, 0.00, 0.15
HSL	191°, 79%, 48%
HSV	191°, 89%, 85%
XYZ	30.1963, 39.5496, 72.3720
YIQ	140.3350, -105.6780, -23.1340

Conversions

Conversions Part 2

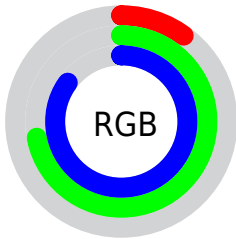
Format	Color
R_{YB}	25, 112, 218
Decimal	1685722
CIE _{Lab}	69.15, -25.84, -27.74
CIE _{LCh}	69, 37.909, 227.025
Yxy	39.5496, 0.2125, 0.2783
Android (android.graphics.Color)	4279875802 (0xFF19B8DA)
YUV	140.3350, 38.2888, -101.1488
Hunter-Lab	62.8885, -24.3469, -24.2089

Details

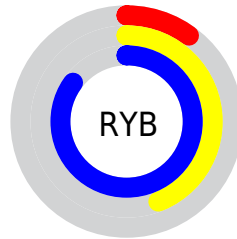
The XYZ color **30.1963, 39.5496, 72.3720** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **30.6549, 18.1066, 2.8005**, and the grayscale version is **24.9463, 26.2455, 28.5813**.

A 20% lighter version of the original color is **55.7656, 72.9197, 105.7435**, and **14.7272, 18.8769, 37.5177** is the 20% darker color. If you saturate the color by 10%, you get **29.0493, 37.7906, 72.0937**, and if you desaturate by 10%, it is **31.7692, 41.5618, 72.6783**.

Distribution



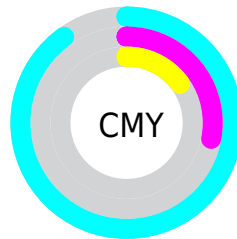
- Red (10%)
- Green (72%)
- Blue (85%)



- Red (10%)
- Yellow (44%)
- Blue (85%)



- Cyan (89%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (90%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1963, 39.5496, 72.3720 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 30.1963, 39.5496, 72.3720 by changing the saturation by 10% instead.

30.1963, 39.5496,
72.3720

30.1963, 39.5496,
72.3720

294.7118,
344.2215, 487.8477

20.1364, 27.1875,
52.9739

59.3570, 74.4772,
124.2979

12.6031, 17.7141,
37.3944

79.1885, 97.8115,
157.6628

7.2309, 10.7449,
25.2148

103.0080,
125.5720, 196.5204

3.6545, 5.8956,
16.0167

131.1807,
158.1431, 241.2892

1.5086, 2.7817,
9.3815

164.0721,
195.9092, 292.3878

0.3317, 1.0189,
4.8906

202.0476,

0.0000, 0.0000,

239.2548, 350.2347

2.1256

245.4723,
288.5641, 415.2485

■ 0.0000, 0.0000,
0.6310

■ 0.0000, 0.0000,
0.0000

■ 30.1963, 39.5496,
72.3720

■ 30.1963, 39.5496,
72.3720

■ 29.0493, 37.7906,
72.0937

■ 31.7692, 41.5618,
72.6783

■ 28.8942, 37.5404,
72.0536

■ 33.8633, 43.8743,
73.0143

■ 36.5462, 46.5231,
73.3841

■ 39.8739, 49.5371,
73.7905

■ 43.8959, 52.9422,
74.2358

■ 48.6565, 56.7615,
74.7220

■ 54.1966, 61.0162,
75.2513

■ 60.5537, 65.7259,
75.8253

■ 67.7631, 70.9091,
76.4458

Harmonies

Analogous

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



27.5167, 39.5496, 53.5870



30.1963, 39.5496, 72.3720



35.0355, 39.5496, 84.4367

Triad

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



30.1963, 39.5496, 72.3720



50.1223, 39.5496, 50.9957



34.2824, 39.5496, 18.3927

Complementary

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



30.1963, 39.5496, 72.3720



30.6549, 18.1066, 2.8005

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.



40.2672, 39.5496, 18.0488



30.1963, 39.5496, 72.3720



49.8647, 39.5496, 34.0154

Square

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



30.1963, 39.5496, 72.3720



46.7734, 39.5496, 70.0413



46.1033, 39.5496, 22.9762



29.6961, 39.5496, 24.0902

Rectangle

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



30.1963, 39.5496, 72.3720



39.0333, 39.5496, 85.3823



46.1033, 39.5496, 22.9762



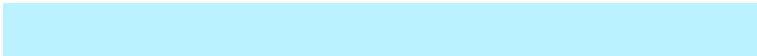
36.1841, 39.5496, 17.7141

Sweetspot

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



30.1976, 39.5510, 72.3730



70.3478, 81.7011, 106.6699



26.2166, 50.6477, 12.2901



14.5200, 17.0652, 22.7786



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.



30.1976, 39.5510, 72.3730



41.1146, 53.3493, 102.7382



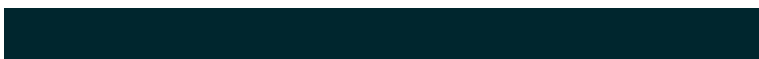
16.6584, 12.4726, 67.8599



13.2396, 14.4189, 16.7375



17.3815, 22.6325, 43.1908



1.1783, 1.5708, 2.8155

Inverse Universe

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



37.9140, 19.0629, 47.0299



52.8820, 25.9168, 63.2357



40.5919, 37.9806, 6.1129



13.5108, 13.2334, 15.9510



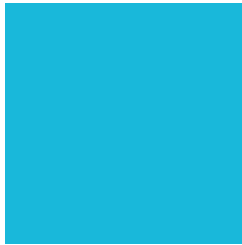
22.2687, 10.9085, 26.8588



1.4691, 0.7173, 1.8790

Previews

White Background



This preview shows how the XYZ color 30.1963, 39.5496, 72.3720 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 30.1963, 39.5496, 72.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

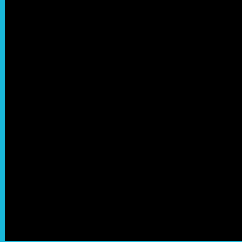
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1963, 39.5496, 72.3720

Background



This preview shows how black text looks on a background with the XYZ color 30.1963, 39.5496, 72.3720.

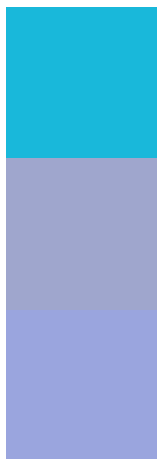


This preview shows how white text looks on a background with the XYZ color 30.1963, 39.5496,

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

30.1963, 39.5496, 72.3720

Protanopia

38.9537, 39.0511, 63.2421

Deuteranopia

39.9664, 39.0542, 74.5390



Tritanopia

28.1015, 39.3349, 61.3696

Trichromacy



Original Color

30.1963, 39.5496, 72.3720



Protanomaly

33.0068, 37.8553, 66.5399



Deuteranomaly

33.8671, 37.8513, 73.9277



Tritanomaly

28.7241, 39.2610, 65.0957

Monochromacy



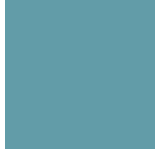
Original Color

30.1963, 39.5496, 72.3720



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

23.9934, 29.2008, 41.4175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1963, 39.5496, 72.3720 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(25, 184, 218)` looks like.

```
.text, #text, p{  
    color:rgb(25, 184, 218)  
}
```

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(25, 184, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 184, 218) }
```

Border

The CSS property to change the border of an element to XYZ 30.1963, 39.5496, 72.3720 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(25, 184, 218) }
```


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

```
.border{ border-color:rgb(25, 184, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 184, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 184, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 184, 218);  
box-shadow:4px 4px 4px 4px rgb(25, 184,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1963, 39.5496, 72.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 184, 218) }
```

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

```
.background{ background-color: rgb(25, 184,  
218) }
```

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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