

Converting Colors

XYZ(26.2096, 33.8569, 62.9113)

Have a look what the booklet for
XYZ(26.2096, 33.8569, 62.9113)
contains.

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Color

**XYZ(26.2096, 33.8569,
62.9113)**

Conversions

Conversions Part 1

Format	Color
Hex	21ABCD
RGB	33, 171, 205
RGB Percent	13%, 67%, 80%
CMY	0.8705, 0.3294, 0.1961
CMYK	0.84, 0.17, 0.00, 0.20
HSL	192°, 72%, 47%
HSV	192°, 84%, 80%
XYZ	26.2096, 33.8569, 62.9113
YIQ	133.6140, -93.1620, -18.6820

Conversions

Conversions Part 2

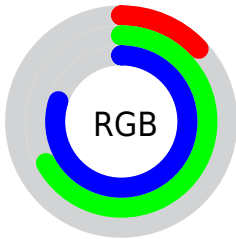
Format	Color
R _Y B	33, 110, 205
Decimal	2206669
CIE Lab	64.85, -23.04, -27.18
CIE LCh	65, 35.636, 229.715
Yxy	33.8569, 0.2131, 0.2753
Android (android.graphics.Color)	4280396749 (0xFF21ABCD)
YUV	133.6140, 35.1933, -88.2385
Hunter-Lab	58.1867, -21.4232, -23.3735

Details

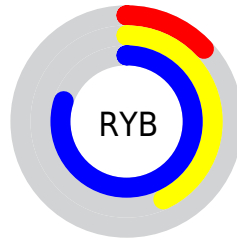
The XYZ color **26.2096, 33.8569, 62.9113** is a dark color, and the websafe version is hex **0099CC**, and the color name is **ball blue**. The color can be described as middle muted azure. A complement of this color would be **27.4603, 17.1058, 3.2948**, and the grayscale version is **22.4207, 23.5883, 25.6877**.

A 20% lighter version of the original color is **51.9495, 65.4732, 104.5073**, and **12.1827, 15.4280, 31.6140** is the 20% darker color. If you saturate the color by 10%, you get **24.9880, 32.1087, 62.6389**, and if you desaturate by 10%, it is **27.8559, 35.8602, 63.2119**.

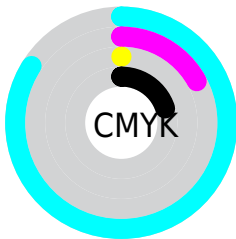
Distribution



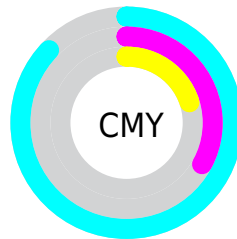
- Red (13%)
- Green (67%)
- Blue (80%)



- Red (13%)
- Yellow (43%)
- Blue (80%)



- Cyan (84%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (87%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2096, 33.8569, 62.9113 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 26.2096, 33.8569, 62.9113 by changing the saturation by 10% instead.

■ 26.2096, 33.8569,
62.9113

■ 26.2096, 33.8569,
62.9113

276.0473,
319.4935, 453.3466

■ 17.1140, 22.7837,
45.3289

■ 53.0418, 65.7111,
110.6259

■ 10.4116, 14.4339,
31.3717

■ 71.5091, 87.2608,
141.5951

■ 5.7371, 8.4230,
20.6213

■ 93.8310, 113.0715,
177.8638

■ 2.7250, 4.3668,
12.6589

■ 120.3729,
143.5276, 219.8504

■ 1.0101, 1.8808,
7.0661

■ 151.5001,
179.0135, 267.9734

■ 0.0000, 0.5368,
3.4244

187.5780,

■ 0.0000, 0.0000,

219.9135, 322.6514

1.3152

228.9720,
266.6120, 384.3030

■ 0.0000, 0.0000,
0.0742

■ 0.0000, 0.0000,
0.0000

■ 26.2096, 33.8569,
62.9113

■ 26.2096, 33.8569,
62.9113

■ 24.9880, 32.1087,
62.6389

■ 27.8559, 35.8602,
63.2119

■ 24.3801, 31.1288,
62.4818

■ 29.9868, 38.1478,
63.5411

■ 32.6558, 40.7482,
63.9024

■ 35.9081, 43.6851,
64.2978

■ 39.7840, 46.9796,
64.7294

■ 44.3204, 50.6508,
65.1990

■ 49.5510, 54.7165,
65.7081

■ 55.5072, 59.1932,
66.2582

■ 62.2185, 64.0963,
66.8509

Harmonies

Analogous

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



23.7526, 33.8569, 47.2482



26.2096, 33.8569, 62.9113



30.4494, 33.8569, 72.2668

Triad

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



26.2096, 33.8569, 62.9113



42.9034, 33.8569, 42.1462



28.9633, 33.8569, 16.1405

Complementary

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



26.2096, 33.8569, 62.9113



27.4603, 17.1058, 3.2948

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.



33.9749, 33.8569, 15.4567



26.2096, 33.8569, 62.9113



42.3966, 33.8569, 28.1257

Square

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



26.2096, 33.8569, 62.9113



40.3134, 33.8569, 58.3334



38.9944, 33.8569, 19.2295



25.2214, 33.8569, 21.4389

Rectangle

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



26.2096, 33.8569, 62.9113



33.8748, 33.8569, 72.3433



38.9944, 33.8569, 19.2295



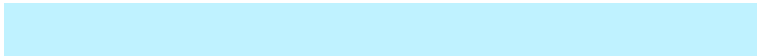
30.5427, 33.8569, 15.4294

Sweetspot

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



26.2107, 33.8581, 62.9121



71.4693, 82.0698, 106.6820



23.4006, 44.3633, 12.2626



14.7164, 17.0997, 22.7749



0.0000, 0.0000, 0.0000



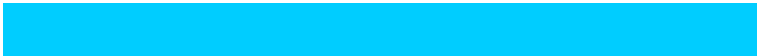
20.3446, 21.4041, 23.3091

Same Dimension

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



26.2107, 33.8581, 62.9121



39.7831, 50.6862, 102.2944



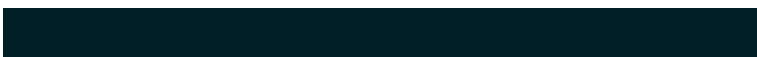
15.0947, 11.6260, 59.2068



11.3475, 12.3355, 14.3533



15.2452, 19.5143, 38.9194



0.8358, 1.1053, 2.0242

Inverse Universe

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



33.0725, 17.0085, 40.0690



52.2099, 25.6479, 59.6965



36.4448, 35.0748, 6.2896



11.5888, 11.3642, 13.6351



19.9060, 9.7730, 23.0212



1.0518, 0.5141, 1.3187

Previews

White Background



This preview shows how the XYZ color 26.2096, 33.8569, 62.9113 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 26.2096, 33.8569, 62.9113 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 26.2096, 33.8569, 62.9113

Background



This preview shows how black text looks on a background with the XYZ color 26.2096, 33.8569, 62.9113.

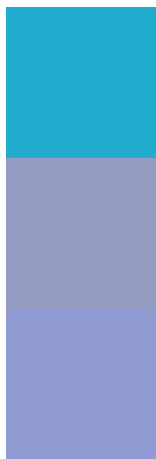


This preview shows how white text looks on a background with the XYZ color 26.2096, 33.8569,

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

26.2096, 33.8569, 62.9113

Protanopia

33.3796, 33.4960, 55.1582

Deuteranopia

34.2196, 33.4654, 64.9775



Tritanopia

24.2132, 33.9029, 52.8447

Trichromacy



Original Color

26.2096, 33.8569, 62.9113



Protanomaly

28.7668, 32.5851, 57.5967



Deuteranomaly

29.4355, 32.5205, 64.4002



Tritanomaly

24.8328, 33.8603, 56.2658

Monochromacy



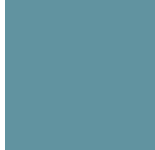
Original Color

26.2096, 33.8569, 62.9113



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

21.7086, 25.9469, 37.1218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2096, 33.8569, 62.9113 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(33, 171, 205)` looks like.

```
.text, #text, p{  
    color:rgb(33, 171, 205)  
}
```

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(33, 171, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 171, 205) }
```

Border

The CSS property to change the border of an element to XYZ 26.2096, 33.8569, 62.9113 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(33, 171, 205) }
```


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

```
.border{ border-color:rgb(33, 171, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 171, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 171, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 171, 205);  
box-shadow:4px 4px 4px 4px rgb(33, 171,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2096, 33.8569, 62.9113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 171, 205) }
```

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

```
.background{ background-color: rgb(33, 171,  
205) }
```

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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