

Converting Colors

XYZ(26.9798, 35.7865, 63.2439)

Have a look what the booklet for
XYZ(26.9798, 35.7865, 63.2439)
contains.

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Color

**XYZ(26.9215, 35.6526,
63.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	18B0CD
RGB	24, 176, 205
RGB Percent	9%, 69%, 80%
CMY	0.9058, 0.3098, 0.1961
CMYK	0.88, 0.14, 0.00, 0.20
HSL	190°, 79%, 45%
HSV	190°, 88%, 80%
XYZ	26.9215, 35.6526, 63.2203
YIQ	133.8580, -99.9010, -23.2050

Conversions

Conversions Part 2

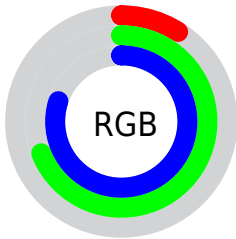
Format	Color
R _Y B	24, 107, 205
Decimal	1618125
CIE Lab	66.25, -26.18, -25.03
CIE LCh	66, 36.221, 223.722
Yxy	35.6526, 0.2140, 0.2834
Android (android.graphics.Color)	4279808205 (0xFF18B0CD)
YUV	133.8580, 35.0730, -96.3455
Hunter-Lab	59.7098, -24.0114, -20.9790

Details

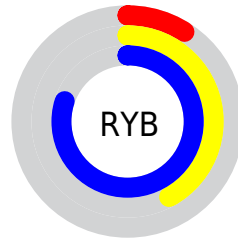
The XYZ color **26.9215, 35.6526, 63.2203** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **26.6166, 15.5940, 2.4727**, and the grayscale version is **22.5129, 23.6853, 25.7933**.

A 20% lighter version of the original color is **53.0910, 68.1214, 104.9583**, and **12.6689, 16.4003, 31.7760** is the 20% darker color. If you saturate the color by 10%, you get **25.9531, 34.2094, 62.9935**, and if you desaturate by 10%, it is **28.2588, 37.3105, 63.4705**.

Distribution



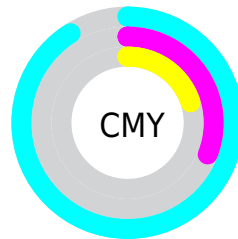
- Red (9%)
- Green (69%)
- Blue (80%)



- Red (9%)
- Yellow (42%)
- Blue (80%)



- Cyan (88%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (91%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9215, 35.6526, 63.2203 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 26.9215, 35.6526, 63.2203 by changing the saturation by 10% instead.

■ 26.9215, 35.6526,
63.2203

■ 26.9215, 35.6526,
63.2203

279.4513,
327.4396, 454.4985

■ 17.6506, 24.1660,
45.5773

■ 54.1787, 68.4955,
111.0759

■ 10.7976, 15.4568,
31.5661

■ 72.8956, 90.6207,
142.1256

■ 5.9972, 9.1406,
20.7683

■ 95.4919, 117.0607,
178.4813

■ 2.8840, 4.8330,
12.7651

■ 122.3329,
148.2002, 220.5615

■ 1.0927, 2.1496,
7.1382

■ 153.7840,
184.4234, 268.7848

■ 0.0190, 0.6923,
3.4689

190.2105,

■ 0.0000, 0.0000,

226.1148, 323.5697

1.3388

231.9778,
273.6587, 385.3348

■ 0.0000, 0.0000,
0.0932

■ 0.0000, 0.0000,
0.0000

■ 26.9215, 35.6526,
63.2203

■ 26.9215, 35.6526,
63.2203

■ 25.9531, 34.2094,
62.9935

■ 28.2588, 37.3105,
63.4705

■ 25.8010, 33.9708,
62.9554

■ 30.0467, 39.2233,
63.7455

■ 32.3428, 41.4215,
64.0488

■ 35.1949, 43.9299,
64.3826

■ 38.6453, 46.7706,
64.7491

■ 42.7322, 49.9633,
65.1499

■ 47.4904, 53.5262,
65.5868

■ 52.9522, 57.4760,
66.0614

■ 59.1479, 61.8285,
66.5749

Harmonies

Analogous

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



24.7656, 35.6526, 46.3116



26.9215, 35.6526, 63.2203



31.0583, 35.6526, 74.9434

Triad

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



26.9215, 35.6526, 63.2203



44.8658, 35.6526, 47.7676



31.4822, 35.6526, 16.5009

Complementary

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



26.9215, 35.6526, 63.2203



26.6166, 15.5940, 2.4727

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.



36.8819, 35.6526, 16.6957



26.9215, 35.6526, 63.2203



45.0105, 35.6526, 32.1826

Square

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



26.9215, 35.6526, 63.2203



41.5838, 35.6526, 64.5274



41.9603, 35.6526, 21.6770



27.2034, 35.6526, 21.0473

Rectangle

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



26.9215, 35.6526, 63.2203



34.5655, 35.6526, 76.7083



41.9603, 35.6526, 21.6770



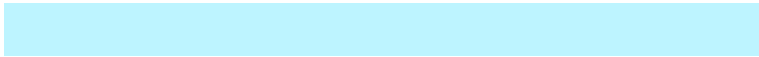
33.2169, 35.6526, 16.0604

Sweetspot

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



26.9227, 35.6539, 63.2212



71.4259, 82.9285, 106.8500



22.8103, 44.0982, 10.4617



14.7432, 17.3341, 22.8187



0.0000, 0.0000, 0.0000



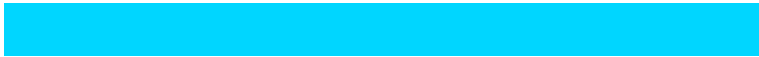
20.3446, 21.4041, 23.3091

Same Dimension

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



26.9227, 35.6539, 63.2212



42.1318, 55.3836, 103.0773



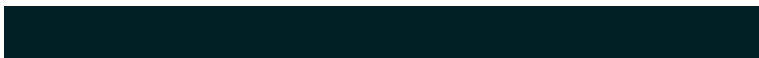
14.8350, 11.4785, 59.1920



11.3843, 12.4090, 14.3655



16.1202, 21.2645, 39.2111



0.8737, 1.1811, 2.0369

Inverse Universe

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



33.3410, 16.7684, 42.5548



53.3954, 26.1222, 65.9394



34.9648, 32.2904, 5.2555



11.6073, 11.3717, 13.7327



20.3477, 9.9497, 25.3472



1.0709, 0.5218, 1.4194

Previews

White Background



This preview shows how the XYZ color 26.9215, 35.6526, 63.2203 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 26.9215, 35.6526, 63.2203 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 26.9215, 35.6526, 63.2203

Background



This preview shows how black text looks on a background with the XYZ color 26.9215, 35.6526, 63.2203.

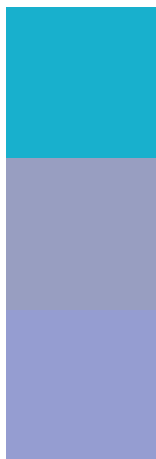


This preview shows how white text looks on a background with the XYZ color 26.9215, 35.6526,

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

26.9215, 35.6526, 63.2203

Protanopia

34.8014, 34.9794, 55.3695

Deuteranopia

35.9600, 35.1070, 65.2026



Tritanopia

25.4348, 35.6466, 55.4091

Trichromacy



Original Color

26.9215, 35.6526, 63.2203



Protanomaly

29.3589, 33.9447, 57.8279



Deuteranomaly

30.3695, 34.0480, 64.6458



Tritanomaly

25.9128, 35.5336, 58.3162

Monochromacy



Original Color

26.9215, 35.6526, 63.2203



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

21.7087, 26.4126, 37.2117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9215, 35.6526, 63.2203 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(24, 176, 205)` looks like.

```
.text, #text, p{  
    color:rgb(24, 176, 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(24, 176, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 176, 205) }
```

Border

The CSS property to change the border of an element to XYZ 26.9215, 35.6526, 63.2203 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(24, 176, 205) }
```


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

```
.border{ border-color:rgb(24, 176, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 176, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 176, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 176, 205);  
box-shadow:4px 4px 4px 4px rgb(24, 176,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9215, 35.6526, 63.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 176, 205) }
```

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

```
.background{ background-color: rgb(24, 176,  
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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