

Converting Colors

XYZ(26.3811, 35.1308, 61.6955)

Have a look what the booklet for
XYZ(26.3811, 35.1308, 61.6955)
contains.

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Color

**XYZ(26.4187, 35.1312,
61.8885)**

Conversions

Conversions Part 1

Format	Color
Hex	15AFCB
RGB	21, 175, 203
RGB Percent	8%, 69%, 80%
CMY	0.9176, 0.3137, 0.2039
CMYK	0.90, 0.14, 0.00, 0.20
HSL	189°, 81%, 44%
HSV	189°, 90%, 80%
XYZ	26.4187, 35.1312, 61.8885
YIQ	132.1460, -100.7720, -23.9400

Conversions

Conversions Part 2

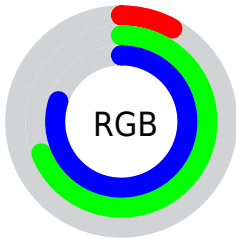
Format	Color
R _Y B	21, 104, 203
Decimal	1421259
CIE Lab	65.85, -26.50, -24.55
CIE LCh	66, 36.121, 222.815
Yxy	35.1312, 0.2140, 0.2846
Android (android.graphics.Color)	4279611339 (0xFF15AFCB)
YUV	132.1460, 34.9310, -97.4750
Hunter-Lab	59.2716, -24.1637, -20.4176

Details

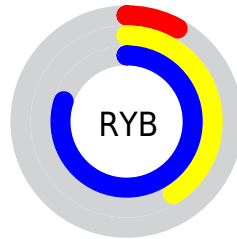
The XYZ color **26.4187, 35.1312, 61.8885** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **25.8638, 14.9494, 2.2330**, and the grayscale version is **21.8918, 23.0319, 25.0817**.

A 20% lighter version of the original color is **52.5698, 67.4360, 104.8535**, and **12.3843, 16.0890, 30.8865** is the 20% darker color. If you saturate the color by 10%, you get **25.5182, 33.7756, 61.6750**, and if you desaturate by 10%, it is **27.6525, 36.6808, 62.1233**.

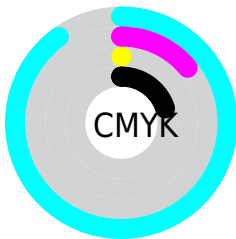
Distribution



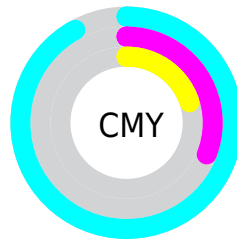
- Red (8%)
- Green (69%)
- Blue (80%)



- Red (8%)
- Yellow (41%)
- Blue (80%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4187, 35.1312, 61.8885 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 26.4187, 35.1312, 61.8885 by changing the saturation by 10% instead.

■ 26.4187, 35.1312,
61.8885

■ 26.4187, 35.1312,
61.8885

277.0506,
325.1471, 449.5207

■ 17.2715, 23.7640,
44.5074

■ 53.3761, 67.6890,
109.1344

■ 10.5247, 15.1586,
30.7295

■ 71.9171, 89.6483,
139.8363

■ 5.8131, 8.9308,
20.1362

■ 94.3199, 115.9071,
175.8155

■ 2.7714, 4.6961,
12.3090

■ 120.9500,
146.8497, 217.4906

■ 1.0340, 2.0701,
6.8294

■ 152.1728,
182.8607, 265.2801

■ 0.0000, 0.6477,
3.2788

188.3536,

■ 0.0000, 0.0000,

224.3243, 319.6026

1.2387

229.8577,
271.6249, 380.8766

■ 0.0000, 0.0000,
0.0108

■ 0.0000, 0.0000,
0.0000

■ 26.4187, 35.1312,
61.8885

■ 26.4187, 35.1312,
61.8885

■ 25.5182, 33.7756,
61.6750

■ 27.6525, 36.6808,
62.1233

■ 25.4880, 33.7286,
61.6675

■ 29.3173, 38.4731,
62.3815

■ 31.4707, 40.5383,
62.6666

■ 34.1603, 42.9012,
62.9809

■ 37.4280, 45.5836,
63.3264

■ 41.3116, 48.6049,
63.7049

■ 45.8453, 51.9832,
64.1181

■ 51.0611, 55.7349,
64.5673

■ 56.9887, 59.8755,
65.0541

Harmonies

Analogous

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



24.3557, 35.1312, 45.1438



26.4187, 35.1312, 61.8885



30.4517, 35.1312, 73.7343

Triad

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



26.4187, 35.1312, 61.8885



44.1790, 35.1312, 47.6031



31.1676, 35.1312, 16.1646

Complementary

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



26.4187, 35.1312, 61.8885



25.8638, 14.9494, 2.2330

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.



36.5140, 35.1312, 16.4932



26.4187, 35.1312, 61.8885



44.4233, 35.1312, 32.0998

Square

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



26.4187, 35.1312, 61.8885



40.8578, 35.1312, 64.0968



41.4937, 35.1312, 21.5606



26.8946, 35.1312, 20.4979

Rectangle

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



26.4187, 35.1312, 61.8885



33.8974, 35.1312, 75.7281



41.4937, 35.1312, 21.5606



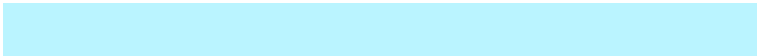
32.8900, 35.1312, 15.7757

Sweetspot

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



26.4199, 35.1325, 61.8894



70.8094, 82.6244, 106.8238



22.2061, 43.0881, 9.9776



14.6304, 17.2861, 22.8154



0.0000, 0.0000, 0.0000



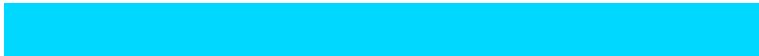
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4199, 35.1325, 61.8894



42.5460, 56.2120, 103.2153



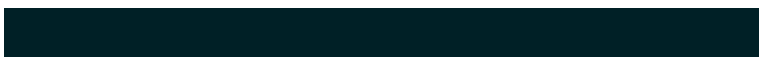
14.3156, 10.9239, 57.8546



11.3905, 12.4215, 14.3676



16.2744, 21.5727, 39.2625



0.8803, 1.1944, 2.0391

Inverse Universe

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



32.6356, 16.3291, 41.9905



53.6045, 26.2058, 67.0403



34.0419, 31.3058, 4.9591



11.6105, 11.3729, 13.7494



20.4255, 9.9808, 25.7569



1.0743, 0.5231, 1.4370

Previews

White Background



This preview shows how the XYZ color 26.4187, 35.1312, 61.8885 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 26.4187, 35.1312, 61.8885 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

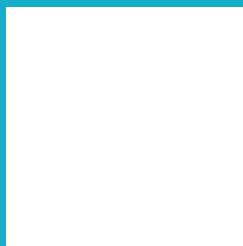
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4187, 35.1312, 61.8885

Background



This preview shows how black text looks on a background with the XYZ color 26.4187, 35.1312, 61.8885.

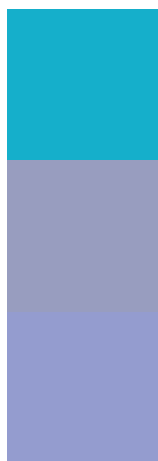


This preview shows how white text looks on a background with the XYZ color 26.4187, 35.1312,

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

26.4187, 35.1312, 61.8885

Protanopia

34.4098, 34.5509, 54.1456

Deuteranopia

35.3637, 34.5778, 63.8418



Tritanopia

25.1261, 35.2059, 54.7613

Trichromacy



Original Color

26.4187, 35.1312, 61.8885



Protanomaly

28.8347, 33.4341, 56.5634



Deuteranomaly

29.7173, 33.4754, 63.2877



Tritanomaly

25.4758, 35.0424, 57.0509

Monochromacy



Original Color

26.4187, 35.1312, 61.8885



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

21.1751, 25.9237, 36.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4187, 35.1312, 61.8885 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(21, 175, 203)` looks like.

```
.text, #text, p{  
    color:rgb(21, 175, 203)  
}
```

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(21, 175, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 175, 203) }
```

Border

The CSS property to change the border of an element to XYZ 26.4187, 35.1312, 61.8885 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(21, 175, 203) }
```


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

```
.border{ border-color:rgb(21, 175, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 175, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 175, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 175, 203);  
box-shadow:4px 4px 4px 4px rgb(21, 175,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4187, 35.1312, 61.8885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 175, 203) }
```

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

```
.background{ background-color: rgb(21, 175,  
203) }
```

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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