

Converting Colors

XYZ(26.0164, 34.2050, 60.8008)

Have a look what the booklet for
XYZ(26.0164, 34.2050, 60.8008)
contains.

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Color

**XYZ(26.0089, 34.0764,
61.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	20ACCA
RGB	32, 172, 202
RGB Percent	13%, 67%, 79%
CMY	0.8744, 0.3255, 0.2078
CMYK	0.84, 0.15, 0.00, 0.21
HSL	191°, 73%, 46%
HSV	191°, 84%, 79%
XYZ	26.0089, 34.0764, 61.0837
YIQ	133.5600, -93.0700, -20.3500

Conversions

Conversions Part 2

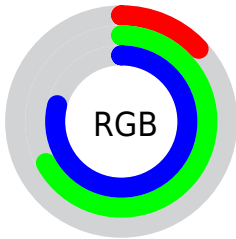
Format	Color
RYB	32, 109, 202
Decimal	2141386
CIELab	65.02, -24.63, -25.25
CIELCh	65, 35.274, 225.722
Yxy	34.0764, 0.2146, 0.2812
Android (android.graphics.Color)	4280331466 (0xFF20ACCA)
YUV	133.5600, 33.7409, -89.0681
Hunter-Lab	58.3750, -22.6258, -21.1787

Details

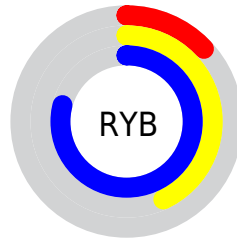
The XYZ color **26.0089, 34.0764, 61.0837** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **26.3420, 16.1084, 3.0887**, and the grayscale version is **22.4060, 23.5729, 25.6709**.

A 20% lighter version of the original color is **52.2238, 66.0218, 104.5987**, and **11.9421, 15.3318, 30.3469** is the 20% darker color. If you saturate the color by 10%, you get **24.8934, 32.5082, 60.8405**, and if you desaturate by 10%, it is **27.5289, 35.8814, 61.3527**.

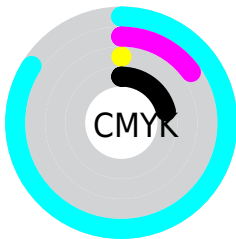
Distribution



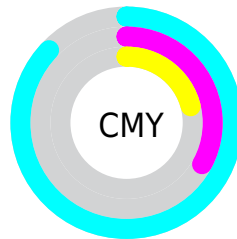
- Red (13%)
- Green (67%)
- Blue (79%)



- Red (13%)
- Yellow (43%)
- Blue (79%)



- Cyan (84%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0089, 34.0764, 61.0837 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 26.0089, 34.0764, 61.0837 by changing the saturation by 10% instead.

■ 26.0089, 34.0764,
61.0837

■ 26.0089, 34.0764,
61.0837

■ 275.0817,
320.4726, 446.4959

■ 16.9630, 22.9523,
43.8617

■ 52.7205, 66.0525,
107.9588

■ 10.3033, 14.5583,
30.2254

■ 71.1169, 87.6732,
138.4491

■ 5.6643, 8.5100,
19.7562

■ 93.3609, 113.5616,
174.1991

■ 2.6808, 4.4230,
12.0357

■ 119.8178,
144.1021, 215.6276

■ 0.9873, 1.9129,
6.6451

■ 150.8530,
179.6790, 263.1529

■ 0.0000, 0.5561,
3.1661

186.8318,

■ 0.0000, 0.0000,

220.6768, 317.1937

1.1801

228.1196,
267.4799, 378.1685

■ 0.0000, 0.0000,
0.0000

■ 26.0089, 34.0764,
61.0837

■ 26.0089, 34.0764,
61.0837

■ 24.8934, 32.5082,
60.8405

■ 27.5289, 35.8814,
61.3527

■ 24.3610, 31.6647,
60.7057

■ 29.5113, 37.9514,
61.6477

■ 32.0077, 40.3139,
61.9721

■ 35.0619, 42.9915,
62.3280

■ 38.7129, 46.0046,
62.7172

■ 42.9961, 49.3716,
63.1413

■ 47.9440, 53.1096,
63.6020

■ 53.5870, 57.2343,
64.1008

■ 59.9536, 61.7606,
64.6389

Harmonies

Analogous

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



23.8305, 34.0764, 45.2525



26.0089, 34.0764, 61.0837



30.0281, 34.0764, 71.5506

Triad

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



26.0089, 34.0764, 61.0837



42.8607, 34.0764, 44.4757



29.8014, 34.0764, 16.0917

Complementary

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



26.0089, 34.0764, 61.0837



26.3420, 16.1084, 3.0887

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.



34.8697, 34.0764, 15.9869



26.0089, 34.0764, 61.0837



42.7835, 34.0764, 29.9965

Square

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



26.0089, 34.0764, 61.0837



39.9354, 34.0764, 60.3878



39.7345, 34.0764, 20.3990



25.8580, 34.0764, 20.7371

Rectangle

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



26.0089, 34.0764, 61.0837



33.3770, 34.0764, 72.6845



39.7345, 34.0764, 20.3990



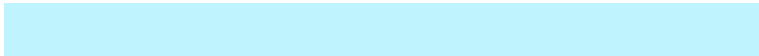
31.4199, 34.0764, 15.5751

Sweetspot

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



26.0100, 34.0776, 61.0845



71.8741, 82.8794, 106.8169



22.5419, 42.8789, 11.4120



14.8143, 17.2956, 22.8075



0.0000, 0.0000, 0.0000



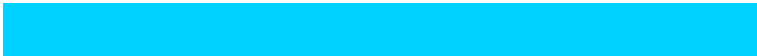
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0100, 34.0776, 61.0845



41.0958, 53.3116, 102.7319



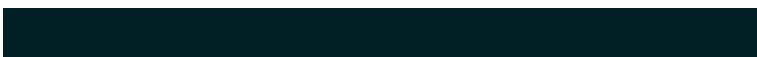
14.8029, 11.6633, 57.3488



11.3683, 12.3771, 14.3602



15.7345, 20.4929, 39.0825



0.8570, 1.1478, 2.0313

Inverse Universe

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



32.3211, 16.5694, 40.5256



52.8725, 25.9130, 63.1857



34.7959, 33.0161, 5.9067



11.5993, 11.3684, 13.6904



20.1529, 9.8718, 24.3218



1.0625, 0.5184, 1.3752

Previews

White Background



This preview shows how the XYZ color 26.0089, 34.0764, 61.0837 looks on a white background.

Color Contrast Check

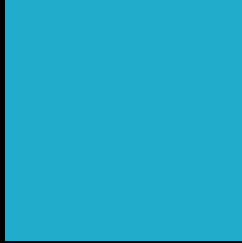
Large Text (above 18pt) WCAG AA × Fail

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 26.0089, 34.0764, 61.0837 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

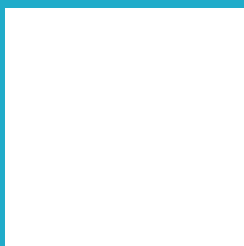
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0089, 34.0764, 61.0837

Background



This preview shows how black text looks on a background with the XYZ color 26.0089, 34.0764, 61.0837.

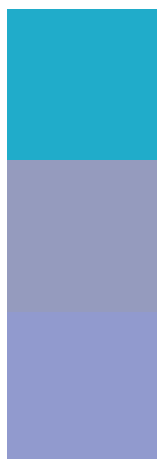


This preview shows how white text looks on a background with the XYZ color 26.0089, 34.0764,

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

26.0089, 34.0764, 61.0837

Protanopia

33.4100, 33.5500, 53.4301

Deuteranopia

34.3732, 33.5872, 63.0638



Tritanopia

24.2132, 33.9029, 52.8447

Trichromacy



Original Color

26.0089, 34.0764, 61.0837



Protanomaly

28.4263, 32.4490, 55.8040



Deuteranomaly

29.4732, 32.8406, 62.5431



Tritanomaly

24.7208, 33.8156, 55.6762

Monochromacy



Original Color

26.0089, 34.0764, 61.0837



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

21.7777, 26.2244, 36.7149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0089, 34.0764, 61.0837 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(32, 172, 202)` looks like.

```
.text, #text, p{  
    color:rgb(32, 172, 202)  
}
```

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(32, 172, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 172, 202) }
```

Border

The CSS property to change the border of an element to XYZ 26.0089, 34.0764, 61.0837 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(32, 172, 202) }
```


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

```
.border{ border-color:rgb(32, 172, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 172, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 172, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 172, 202);  
box-shadow:4px 4px 4px 4px rgb(32, 172,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0089, 34.0764, 61.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 172, 202) }
```

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

```
.background{ background-color: rgb(32, 172,  
202) }
```

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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