

Converting Colors

XYZ(26.2048, 34.0925, 63.2472)

Have a look what the booklet for
XYZ(26.2048, 34.0925, 63.2472)
contains.

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Color

**XYZ(26.1729, 34.1195,
62.9639)**

Conversions

Conversions Part 1

Format	Color
Hex	19ACCD
RGB	25, 172, 205
RGB Percent	10%, 67%, 80%
CMY	0.9019, 0.3255, 0.1961
CMYK	0.88, 0.16, 0.00, 0.20
HSL	191°, 78%, 45%
HSV	191°, 88%, 80%
XYZ	26.1729, 34.1195, 62.9639
YIQ	131.8090, -98.2050, -20.9010

Conversions

Conversions Part 2

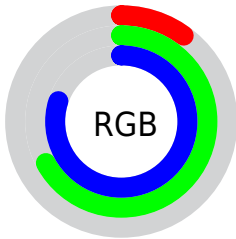
Format	Color
R_{YB}	25, 106, 205
Decimal	1682637
CIE _{Lab}	65.06, -24.09, -26.87
CIE _{LCh}	65, 36.090, 228.121
Yxy	34.1195, 0.2123, 0.2768
Android (android.graphics.Color)	4279872717 (0xFF19ACCD)
YUV	131.8090, 36.0832, -93.6715
Hunter-Lab	58.4119, -22.2395, -23.0221

Details

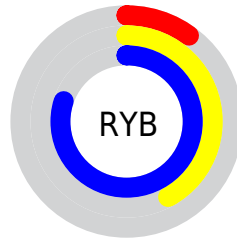
The XYZ color **26.1729, 34.1195, 62.9639** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **26.8671, 16.0781, 2.6084**, and the grayscale version is **21.7660, 22.8995, 24.9376**.

A 20% lighter version of the original color is **51.9777, 65.8950, 104.5872**, and **12.1827, 15.4280, 31.6140** is the 20% darker color. If you saturate the color by 10%, you get **25.1238, 32.5323, 62.7135**, and if you desaturate by 10%, it is **27.6035, 35.9347, 63.2395**.

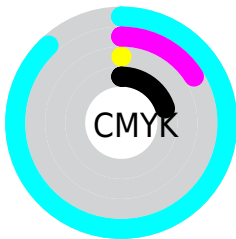
Distribution



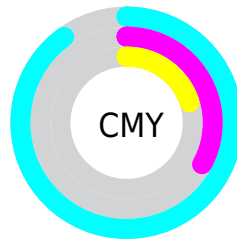
- Red (10%)
- Green (67%)
- Blue (80%)



- Red (10%)
- Yellow (42%)
- Blue (80%)



- Cyan (88%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1729, 34.1195, 62.9639 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 26.1729, 34.1195, 62.9639 by changing the saturation by 10% instead.

■ 26.1729, 34.1195,
62.9639

■ 26.1729, 34.1195,
62.9639

275.8710,
320.6646, 453.5428

■ 17.0864, 22.9854,
45.3712

■ 52.9831, 66.1195,
110.7025

■ 10.3918, 14.5827,
31.4048

■ 71.4374, 87.7541,
141.6855

■ 5.7237, 8.5271,
20.6463

■ 93.7451, 113.6578,
177.9690

■ 2.7169, 4.4340,
12.6770

■ 120.2715,
144.2148, 219.9715

■ 1.0059, 1.9192,
7.0784

■ 151.3819,
179.8096, 268.1116

■ 0.0000, 0.5599,
3.4320

187.4417,

■ 0.0000, 0.0000,

220.8266, 322.8078

1.3192

228.8163,
267.6501, 384.4787

■ 0.0000, 0.0000,
0.0775

■ 0.0000, 0.0000,
0.0000

■ 26.1729, 34.1195,
62.9639

■ 26.1729, 34.1195,
62.9639

■ 25.1238, 32.5323,
62.7135

■ 27.6035, 35.9347,
63.2395

■ 24.9142, 32.1972,
62.6599

■ 29.4925, 38.0159,
63.5417

■ 31.8968, 40.3932,
63.8738

■ 34.8642, 43.0916,
64.2383

■ 38.4367, 46.1329,
64.6370

■ 42.6524, 49.5370,
65.0719

■ 47.5459, 53.3220,
65.5445

■ 53.1496, 57.5048,
66.0566

■ 59.4937, 62.1011,
66.6094

Harmonies

Analogous

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



23.7855, 34.1195, 46.8403



26.1729, 34.1195, 62.9639



30.4046, 34.1195, 73.0321

Triad

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



26.1729, 34.1195, 62.9639



43.2915, 34.1195, 43.3952



29.4032, 34.1195, 15.9610

Complementary

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



26.1729, 34.1195, 62.9639



26.8671, 16.0781, 2.6084

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.



34.5425, 34.1195, 15.5035



26.1729, 34.1195, 62.9639



42.9490, 34.1195, 28.8984

Square

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



26.1729, 34.1195, 62.9639



40.5022, 34.1195, 59.8658



39.6114, 34.1195, 19.5774



25.5078, 34.1195, 21.0591

Rectangle

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



26.1729, 34.1195, 62.9639



33.8701, 34.1195, 73.5476



39.6114, 34.1195, 19.5774



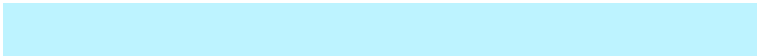
31.0305, 34.1195, 15.3213

Sweetspot

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



26.1740, 34.1207, 62.9647



70.9658, 82.0082, 106.6966



22.9973, 44.1759, 11.3204



14.6325, 17.1128, 22.7818



0.0000, 0.0000, 0.0000



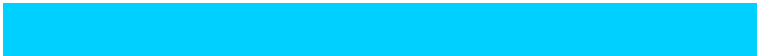
20.3446, 21.4041, 23.3091

Same Dimension

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



26.1740, 34.1207, 62.9647



40.6658, 52.4515, 102.5886



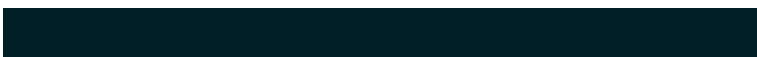
14.4397, 10.6520, 59.0533



11.3616, 12.3636, 14.3580



15.5742, 20.1725, 39.0291



0.8501, 1.1339, 2.0290

Inverse Universe

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



32.9719, 16.6543, 40.5076



52.6554, 25.8262, 62.0426



35.9441, 34.2321, 5.6341



11.5959, 11.3671, 13.6725



20.0721, 9.8394, 23.8959



1.0590, 0.5170, 1.3567

Previews

White Background



This preview shows how the XYZ color 26.1729, 34.1195, 62.9639 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 26.1729, 34.1195, 62.9639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

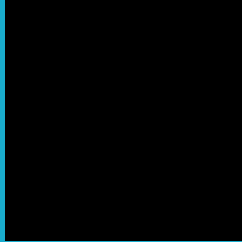
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1729, 34.1195, 62.9639

Background



This preview shows how black text looks on a background with the XYZ color 26.1729, 34.1195, 62.9639.

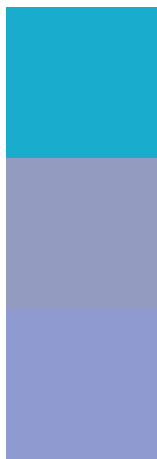


This preview shows how white text looks on a background with the XYZ color 26.1729, 34.1195,

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

26.1729, 34.1195, 62.9639

Protanopia

33.5597, 33.5888, 55.1666

Deuteranopia

34.3919, 33.5543, 64.9856



Tritanopia

24.2132, 33.9029, 52.8447

Trichromacy



Original Color

26.1729, 34.1195, 62.9639



Protanomaly

28.4164, 32.4045, 57.5803



Deuteranomaly

29.3856, 32.7531, 64.4477



Tritanomaly

24.7938, 33.8403, 56.2640

Monochromacy



Original Color

26.1729, 34.1195, 62.9639



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

21.2059, 25.6978, 36.6434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1729, 34.1195, 62.9639 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, 172, 205)` looks like.

```
.text, #text, p{  
    color:rgb(25, 172, 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(25, 172, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 172, 205) }
```

Border

The CSS property to change the border of an element to XYZ 26.1729, 34.1195, 62.9639 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, 172, 205) }
```


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

```
.border{ border-color:rgb(25, 172, 205) }
```

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

Here you see how a box with a 4 pixel rgb(25, 172, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 172, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 172, 205);  
box-shadow:4px 4px 4px 4px rgb(25, 172,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1729, 34.1195, 62.9639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 172, 205) }
```

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

```
.background{ background-color: rgb(25, 172,  
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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