

Converting Colors

XYZ(25.9587, 33.1474, 63.7734)

Have a look what the booklet for
XYZ(25.9587, 33.1474, 63.7734)
contains.

XYZ(26.0155, 33.1722, 64.0632)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0155, 33.1722,
64.0632)**

Conversions

Conversions Part 1

Format	Color
Hex	1FA9CF
RGB	31, 169, 207
RGB Percent	12%, 66%, 81%
CMY	0.8784, 0.3372, 0.1882
CMYK	0.85, 0.18, 0.00, 0.19
HSL	193°, 74%, 47%
HSV	193°, 85%, 81%
XYZ	26.0155, 33.1722, 64.0632
YIQ	132.0700, -94.4460, -17.4380

Conversions

Conversions Part 2

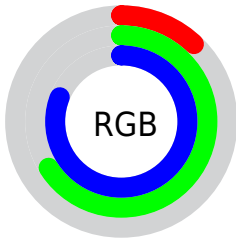
Format	Color
R _{YB}	31, 108, 207
Decimal	2075087
CIE Lab	64.30, -21.48, -29.14
CIE LCh	64, 36.203, 233.604
Yxy	33.1722, 0.2111, 0.2691
Android (android.graphics.Color)	4280265167 (0xFF1FA9CF)
YUV	132.0700, 36.9405, -88.6384
Hunter-Lab	57.5953, -20.1643, -25.6315

Details

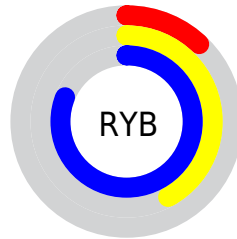
The XYZ color **26.0155, 33.1722, 64.0632** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **28.1092, 17.6231, 3.2177**, and the grayscale version is **21.8552, 22.9934, 25.0398**.

A 20% lighter version of the original color is **51.1361, 63.8463, 104.2362**, and **12.1111, 15.0225, 32.3983** is the 20% darker color. If you saturate the color by 10%, you get **24.7627, 31.3135, 63.7711**, and if you desaturate by 10%, it is **27.6986, 35.2961, 64.3851**.

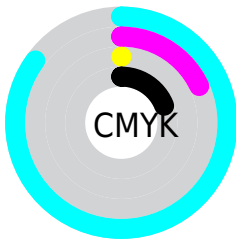
Distribution



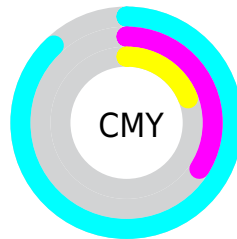
- Red (12%)
- Green (66%)
- Blue (81%)



- Red (12%)
- Yellow (42%)
- Blue (81%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (19%)



- Cyan (88%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0155, 33.1722, 64.0632 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 26.0155, 33.1722, 64.0632 by changing the saturation by 10% instead.

■ 26.0155, 33.1722,
64.0632

■ 26.0155, 33.1722,
64.0632

■ 275.1135,
316.4250, 457.6316

■ 16.9680, 22.2584,
46.2554

■ 52.7311, 64.6443,
112.3023

■ 10.3068, 14.0469,
32.0973

■ 71.1298, 85.9713,
143.5706

■ 5.6667, 8.1533,
21.1704

■ 93.3764, 111.5383,
180.1629

■ 2.6822, 4.1932,
13.0561

■ 119.8361,
141.7295, 222.4975

■ 0.9880, 1.7822,
7.3360

■ 150.8743,
176.9294, 270.9932

■ 0.0000, 0.4760,
3.5915

186.8563,

■ 0.0000, 0.0000,

217.5223, 326.0684

1.4040

228.1476,
263.8927, 388.1417

■ 0.0000, 0.0000,
0.1449

■ 0.0000, 0.0000,
0.0000

■ 26.0155, 33.1722,
64.0632

■ 26.0155, 33.1722,
64.0632

■ 24.7627, 31.3135,
63.7711

■ 27.6986, 35.2961,
64.3851

■ 24.2366, 30.4530,
63.6328

■ 29.8752, 37.7164,
64.7376

■ 32.6012, 40.4630,
65.1240

■ 35.9236, 43.5605,
65.5468

■ 39.8845, 47.0309,
66.0079

■ 44.5218, 50.8941,
66.5091

■ 49.8705, 55.1688,
67.0523

■ 55.9630, 59.8718,
67.6390

■ 62.8299, 65.0193,
68.2706

Harmonies

Analogous

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



23.3046, 33.1722, 48.6934



26.0155, 33.1722, 64.0632



30.4398, 33.1722, 72.2277

Triad

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



26.0155, 33.1722, 64.0632



42.4185, 33.1722, 39.3684



27.7314, 33.1722, 15.8795

Complementary

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



26.0155, 33.1722, 64.0632



28.1092, 17.6231, 3.2177

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.



32.6443, 33.1722, 14.6444



26.0155, 33.1722, 64.0632



41.4916, 33.1722, 25.9201

Square

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



26.0155, 33.1722, 64.0632



40.1820, 33.1722, 55.6751



37.7716, 33.1722, 17.7755



24.2173, 33.1722, 21.7800

Rectangle

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



26.0155, 33.1722, 64.0632



33.9139, 33.1722, 71.2504



37.7716, 33.1722, 17.7755



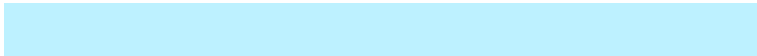
29.2590, 33.1722, 14.9858

Sweetspot

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



26.0166, 33.1734, 64.0640



70.3238, 80.7243, 106.4826



23.8685, 45.3136, 12.6761



14.4783, 16.8043, 22.7304



0.0000, 0.0000, 0.0000



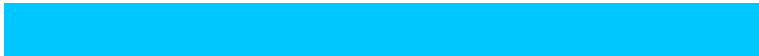
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0166, 33.1734, 64.0640



38.6902, 48.5003, 101.9301



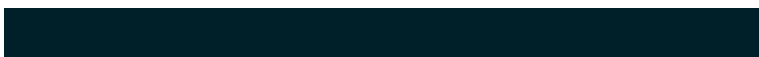
14.9842, 11.1084, 60.3865



11.9327, 12.9557, 15.1154



15.3417, 19.3300, 40.1150



0.9130, 1.1912, 2.2614

Inverse Universe

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



33.3845, 17.1112, 39.0804



51.6582, 25.4273, 56.7915



37.5697, 36.5440, 6.3712



12.1969, 11.9635, 14.3129



20.3745, 10.0226, 22.6761



1.1671, 0.5715, 1.4146

Previews

White Background



This preview shows how the XYZ color 26.0155, 33.1722, 64.0632 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 26.0155, 33.1722, 64.0632 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 26.0155, 33.1722, 64.0632

Background



This preview shows how black text looks on a background with the XYZ color 26.0155, 33.1722, 64.0632.

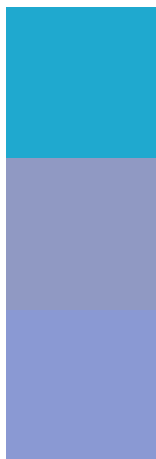


This preview shows how white text looks on a background with the XYZ color 26.0155, 33.1722,

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

26.0155, 33.1722, 64.0632

Protanopia

32.7432, 32.6519, 56.2065

Deuteranopia

33.6303, 32.8889, 66.2037



Tritanopia

23.6155, 33.0502, 51.5890

Trichromacy



Original Color

26.0155, 33.1722, 64.0632



Protanomaly

28.3005, 31.8034, 58.6799



Deuteranomaly

29.1766, 32.1021, 65.6313



Tritanomaly

24.4385, 33.0920, 56.1383

Monochromacy



Original Color

26.0155, 33.1722, 64.0632



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

21.1027, 25.1869, 36.5502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0155, 33.1722, 64.0632 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(31, 169, 207)` looks like.

```
.text, #text, p{  
    color:rgb(31, 169, 207)  
}
```

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(31, 169, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 169, 207) }
```

Border

The CSS property to change the border of an element to XYZ 26.0155, 33.1722, 64.0632 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(31, 169, 207) }
```


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

```
.border{ border-color:rgb(31, 169, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 169, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 169, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 169, 207);  
box-shadow:4px 4px 4px 4px rgb(31, 169,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0155, 33.1722, 64.0632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 169, 207) }
```

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

```
.background{ background-color: rgb(31, 169,  
207) }
```

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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