

Converting Colors

XYZ(17.2907, 26.0735, 75.1538)

Have a look what the booklet for
XYZ(17.2907, 26.0735, 75.1538)
contains.

XYZ(26.1614, 30.5779, 75.7574)	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(26.1614, 30.5779,
75.7574)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0E1
RGB	0, 160, 225
RGB Percent	0%, 63%, 88%
CMY	0.9998, 0.3725, 0.1176
CMYK	1.00, 0.29, 0.00, 0.12
HSL	197°, 100%, 44%
HSV	197°, 100%, 88%
XYZ	26.1614, 30.5779, 75.7574
YIQ	119.5700, -116.2250, -13.7050

Conversions

Conversions Part 2

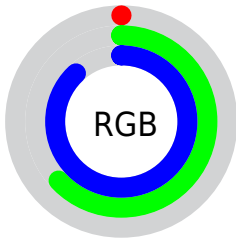
Format	Color
RYB	0, 94, 225
Decimal	41185
CIELab	62.15, -11.61, -42.48
CIELCh	62, 44.039, 254.718
Yxy	30.5779, 0.1974, 0.2308
Android (android.graphics.Color)	4278231265 (0xFF00A0E1)
YUV	119.5700, 51.9770, -104.8629
Hunter-Lab	55.2973, -12.3211, -42.5193

Details

The XYZ color **26.1614, 30.5779, 75.7574** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **32.9453, 19.7945, 2.0859**, and the grayscale version is **17.5874, 18.5033, 20.1501**.

A 20% lighter version of the original color is **48.1761, 58.8241, 103.4228**, and **12.6301, 13.8019, 39.5345** is the 20% darker color. If you saturate the color by 10%, you get **26.1591, 30.5731, 75.7572**, and if you desaturate by 10%, it is **27.6619, 33.0690, 76.1598**.

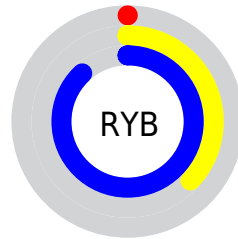
Distribution



Red (0%)

Green (63%)

Blue (88%)



Red (0%)

Yellow (37%)

Blue (88%)

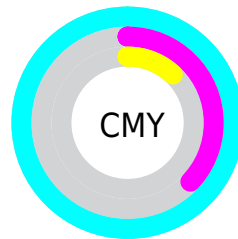


Cyan (100%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (100%)

Magenta (37%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1614, 30.5779, 75.7574 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 26.1614, 30.5779, 75.7574 by changing the saturation by 10% instead.

■ 26.1614, 30.5779,
75.7574

■ 26.1614, 30.5779,
75.7574

275.8157,
304.5890, 499.8415

■ 17.0777, 20.2776,
55.7281

■ 52.9647, 60.5749,
129.1409

■ 10.3856, 12.5970,
39.5825

■ 71.4150, 81.0404,
163.3321

■ 5.7196, 7.1517,
26.9018

■ 93.7182, 105.6632,
203.0812

■ 2.7144, 3.5571,
17.2677

■ 120.2397,
134.8275, 248.8065

■ 1.0046, 1.4290,
10.2616

■ 151.3449,
168.9179, 300.9267

■ 0.0000, 0.2380,
5.4649

187.3990,

■ 0.0000, 0.0000,

208.3187, 359.8602

2.4591

228.7675,
253.4142, 426.0256

■ 0.0000, 0.0000,
0.8183

■ 0.0000, 0.0000,
0.0000

■ 26.1614, 30.5779,
75.7574

■ 26.1614, 30.5779,
75.7574

■ 26.1591, 30.5731,
75.7572

■ 27.6619, 33.0690,
76.1598

■ 29.6198, 35.8844,
76.6000

■ 32.1654, 39.0928,
77.0851

■ 35.3730, 42.7338,
77.6189

■ 39.3053, 46.8408,
78.2044

■ 44.0171, 51.4435,
78.8444

■ 49.5579, 56.5684,
79.5416

■ 55.9728, 62.2399,
80.2982

■ 63.3035, 68.4808,
81.1164

Harmonies

Analogous

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



21.6928, 30.5779, 61.9517



26.1614, 30.5779, 75.7574



32.0567, 30.5779, 75.9011

Triad

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



26.1614, 30.5779, 75.7574



41.5410, 30.5779, 25.6696



21.7580, 30.5779, 15.0674

Complementary

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



26.1614, 30.5779, 75.7574



32.9453, 19.7945, 2.0859

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.



26.2624, 30.5779, 10.6492



26.1614, 30.5779, 75.7574



37.9388, 30.5779, 15.2016

Square

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



26.1614, 30.5779, 75.7574



41.5042, 30.5779, 42.6607



32.1724, 30.5779, 10.6881



19.3960, 30.5779, 25.4099

Rectangle

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



26.1614, 30.5779, 75.7574



36.0509, 30.5779, 67.9817



32.1724, 30.5779, 10.6881



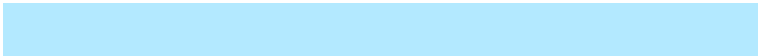
23.0426, 30.5779, 13.0240

Sweetspot

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



26.1625, 30.5789, 75.7582



65.6343, 74.9627, 105.6177



27.8455, 54.2190, 13.8168



13.3525, 15.4095, 22.5205



0.0000, 0.0000, 0.0000



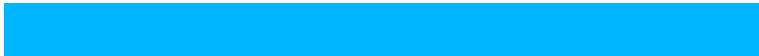
20.3446, 21.4041, 23.3091

Same Dimension

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



26.1625, 30.5789, 75.7582



34.6384, 40.3968, 100.5795



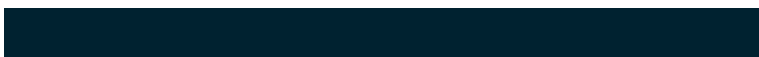
14.6811, 7.6160, 71.9310



13.7645, 14.8682, 17.5321



15.1789, 17.8274, 43.6894



1.1278, 1.3871, 3.0535

Inverse Universe

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



37.3975, 18.5470, 34.8674



49.6131, 24.6092, 46.0220



46.6287, 47.1615, 6.6470



14.1174, 13.8646, 16.3882



21.6018, 10.7077, 20.3667



1.5355, 0.7575, 1.6129

Previews

White Background



This preview shows how the XYZ color 26.1614, 30.5779, 75.7574 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 26.1614, 30.5779, 75.7574 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

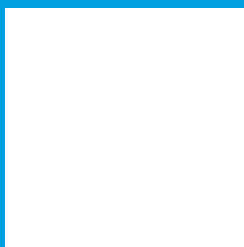
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1614, 30.5779, 75.7574

Background



This preview shows how black text looks on a background with the XYZ color 26.1614, 30.5779, 75.7574.

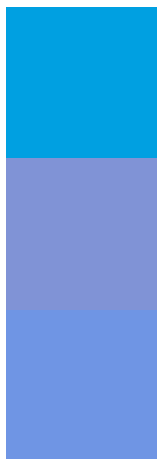


This preview shows how white text looks on a background with the XYZ color 26.1614, 30.5779,

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

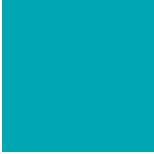
26.1614, 30.5779, 75.7574

Protanopia

31.4734, 30.3117, 67.8102

Deuteranopia

31.3066, 30.4758, 77.6312



Tritanopia

21.6721, 30.4868, 46.8618

Trichromacy



Original Color

26.1614, 30.5779, 75.7574

Protanomaly

27.2765, 29.2678, 70.5413

Deuteranomaly

27.8549, 29.6681, 76.9315

Tritanomaly

23.1258, 30.4910, 56.2963

Monochromacy



Original Color

26.1614, 30.5779, 75.7574

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8160, 21.3331, 35.5264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1614, 30.5779, 75.7574 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(0, 160, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 225)  
}
```

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(0, 160, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 225) }
```

Border

The CSS property to change the border of an element to XYZ 26.1614, 30.5779, 75.7574 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(0, 160, 225) }
```


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

```
.border{ border-color:rgb(0, 160, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1614, 30.5779, 75.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 225) }
```

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

```
.background{ background-color: rgb(0, 160,  
225) }
```

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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