

Converting Colors

XYZ(26.4697, 30.7748, 65.0918)

Have a look what the booklet for
XYZ(26.4697, 30.7748, 65.0918)
contains.

XYZ(26.3610, 30.6649, 64.8512)	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(26.3610, 30.6649,
64.8512)**

Conversions

Conversions Part 1

Format	Color
Hex	459FD1
RGB	69, 159, 209
RGB Percent	27%, 62%, 82%
CMY	0.7294, 0.3765, 0.1804
CMYK	0.67, 0.24, 0.00, 0.18
HSL	201°, 60%, 55%
HSV	201°, 67%, 82%
XYZ	26.3610, 30.6649, 64.8512
YIQ	137.7900, -69.6900, -3.5300

Conversions

Conversions Part 2

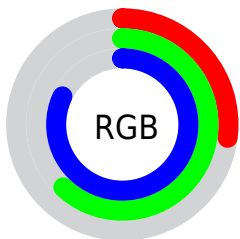
Format	Color
R _Y B	69, 124, 209
Decimal	4562897
CIE Lab	62.22, -11.10, -33.41
CIE LCh	62, 35.201, 251.618
Yxy	30.6649, 0.2163, 0.2516
Android (android.graphics.Color)	4282752977 (0xFF459FD1)
YUV	137.7900, 35.1065, -60.3288
Hunter-Lab	55.3759, -11.9351, -30.6719

Details

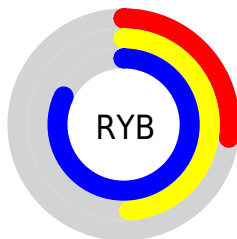
The XYZ color **26.3610, 30.6649, 64.8512** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **33.9669, 27.1806, 9.0877**, and the grayscale version is **23.9684, 25.2166, 27.4609**.

A 20% lighter version of the original color is **51.4566, 60.1384, 103.5036**, and **11.1953, 13.0582, 32.5023** is the 20% darker color. If you saturate the color by 10%, you get **23.8861, 27.5411, 64.3793**, and if you desaturate by 10%, it is **29.4375, 34.2150, 65.3749**.

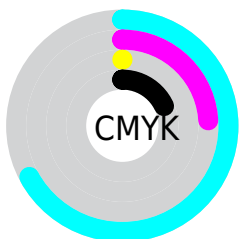
Distribution



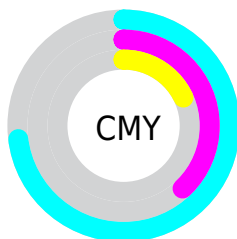
- Red (27%)
- Green (62%)
- Blue (82%)



- Red (27%)
- Yellow (49%)
- Blue (82%)



- Cyan (67%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)



- Cyan (73%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3610, 30.6649, 64.8512 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 26.3610, 30.6649, 64.8512 by changing the saturation by 10% instead.

■ 26.3610, 30.6649,
64.8512

■ 26.3610, 30.6649,
64.8512

276.7740,
304.9915, 460.5486

■ 17.2280, 20.3438,
46.8899

■ 53.2839, 60.7121,
113.4471

■ 10.4935, 12.6452,
32.5949

■ 71.8045, 81.2070,
144.9188

■ 5.7921, 7.1847,
21.5477

■ 94.1851, 105.8620,
181.7310

■ 2.7585, 3.5779,
13.3298

■ 120.7909,
135.0614, 224.3022

■ 1.0274, 1.4404,
7.5227

■ 151.9874,
169.1897, 273.0511

■ 0.0000, 0.2462,
3.7077

188.1398,

■ 0.0000, 0.0000,

208.6312, 328.3961

1.4664

229.6136,
253.7703, 390.7557

■ 0.0000, 0.0000,
0.1927

■ 0.0000, 0.0000,
0.0000

■ 26.3610, 30.6649,
64.8512

■ 26.3610, 30.6649,
64.8512

■ 23.8861, 27.5411,
64.3793

■ 29.4375, 34.2150,
65.3749

■ 21.9506, 24.8080,
63.9538

■ 33.1630, 38.2161,
65.9508

■ 20.4778, 22.4244,
63.5713

■ 37.5834, 42.6945,
66.5823

■ 20.0830, 21.7521,
63.4623

■ 42.7394, 47.6729,
67.2714

■ 48.6684, 53.1724,
68.0205

■ 55.4048, 59.2127,
68.8313

■ 62.9814, 65.8122,
69.7058

■ 71.4285, 72.9885,
70.6458

■ 79.9949, 80.3559,
71.6163

Harmonies

Analogous

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



22.8403, 30.6649, 53.9364



26.3610, 30.6649, 64.8512



31.0233, 30.6649, 66.1021

Triad

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



26.3610, 30.6649, 64.8512



39.0333, 30.6649, 28.3959



23.4939, 30.6649, 17.4095

Complementary

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



26.3610, 30.6649, 64.8512



33.9669, 27.1806, 9.0877

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.



27.3461, 30.6649, 13.7696



26.3610, 30.6649, 64.8512



36.5172, 30.6649, 18.8612

Square

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



26.3610, 30.6649, 64.8512



38.6956, 30.6649, 42.3308



32.1207, 30.6649, 14.2167



21.3131, 30.6649, 25.8042

Rectangle

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



26.3610, 30.6649, 64.8512



34.1985, 30.6649, 60.9671



32.1207, 30.6649, 14.2167



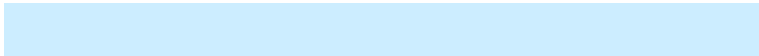
24.6175, 30.6649, 15.7073

Sweetspot

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



26.3621, 30.6660, 64.8520



73.1738, 80.5014, 106.2894



28.5259, 48.1751, 24.9366



15.0940, 16.7041, 22.6786



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.



26.3621, 30.6660, 64.8520



36.1720, 41.4373, 100.6995



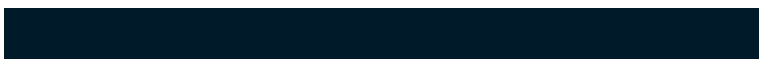
17.6204, 13.1826, 61.9381



11.7884, 12.6671, 15.0673



12.4786, 13.6038, 39.1606



0.7712, 0.9076, 2.2141

Inverse Universe

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



34.6816, 20.3160, 34.8953



50.8819, 27.0109, 46.8640



45.3529, 49.9526, 12.8830



12.1241, 11.9344, 13.9292



18.9293, 9.4446, 15.0660



1.0955, 0.5429, 1.0378

Previews

White Background



This preview shows how the XYZ color 26.3610, 30.6649, 64.8512 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 26.3610, 30.6649, 64.8512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

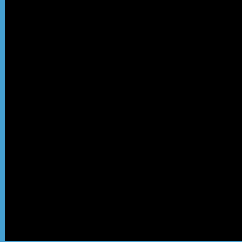
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3610, 30.6649, 64.8512

Background



This preview shows how black text looks on a background with the XYZ color 26.3610, 30.6649, 64.8512.



This preview shows how white text looks on a background with the XYZ color 26.3610, 30.6649,

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

26.3610, 30.6649, 64.8512

Protanopia

31.0069, 30.5008, 58.8966

Deuteranopia

31.2260, 30.4453, 66.5181



Tritanopia

22.8064, 30.8027, 46.8630

Trichromacy



Original Color

26.3610, 30.6649, 64.8512

Protanomaly

28.5633, 30.1478, 60.8136

Deuteranomaly

28.9300, 30.2238, 65.9370

Tritanomaly

23.9698, 30.7384, 52.8139

Monochromacy



Original Color

26.3610, 30.6649, 64.8512

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7898, 26.7488, 39.0311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3610, 30.6649, 64.8512 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(69, 159, 209)` looks like.

```
.text, #text, p{  
    color:rgb(69, 159, 209)  
}
```

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(69, 159, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 159, 209) }
```

Border

The CSS property to change the border of an element to XYZ 26.3610, 30.6649, 64.8512 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(69, 159, 209) }
```


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

```
.border{ border-color:rgb(69, 159, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 159, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 159, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 159, 209);  
box-shadow:4px 4px 4px 4px rgb(69, 159,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3610, 30.6649, 64.8512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 159, 209) }
```

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

```
.background{ background-color: rgb(69, 159,  
209) }
```

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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