

Converting Colors

XYZ(29.6093, 34.5506, 64.4668)

Have a look what the booklet for
XYZ(29.6093, 34.5506, 64.4668)
contains.

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Color

**XYZ(29.6175, 34.4668,
64.7663)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA7D0
RGB	92, 167, 208
RGB Percent	36%, 65%, 82%
CMY	0.6392, 0.3451, 0.1843
CMYK	0.56, 0.20, 0.00, 0.18
HSL	201°, 55%, 59%
HSV	201°, 56%, 82%
XYZ	29.6175, 34.4668, 64.7663
YIQ	149.2490, -57.8610, -3.1490

Conversions

Conversions Part 2

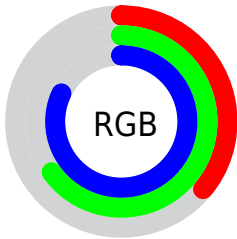
Format	Color
R_{YB}	92, 138, 208
Decimal	6072272
CIE _{Lab}	65.33, -11.59, -27.97
CIE _{LCh}	65, 30.278, 247.500
Yxy	34.4668, 0.2299, 0.2675
Android (android.graphics.Color)	4284262352 (0xFF5CA7D0)
YUV	149.2490, 28.9642, -50.2074
Hunter-Lab	58.7084, -12.6893, -24.3120

Details

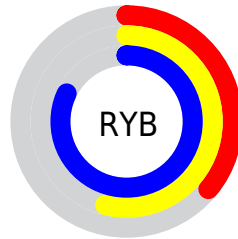
The XYZ color **29.6175, 34.4668, 64.7663** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **36.3328, 30.9590, 14.1872**, and the grayscale version is **28.5723, 30.0602, 32.7356**.

A 20% lighter version of the original color is **56.7490, 65.9466, 104.3457**, and **12.2339, 14.7435, 32.3380** is the 20% darker color. If you saturate the color by 10%, you get **26.5093, 30.9222, 64.2466**, and if you desaturate by 10%, it is **33.3749, 38.4611, 65.3399**.

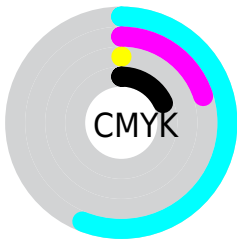
Distribution



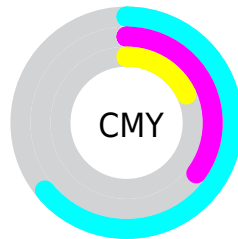
- Red (36%)
- Green (65%)
- Blue (82%)



- Red (36%)
- Yellow (54%)
- Blue (82%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6175, 34.4668, 64.7663 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 29.6175, 34.4668, 64.7663 by changing the saturation by 10% instead.

■ 29.6175, 34.4668,
64.7663

■ 29.6175, 34.4668,
64.7663

292.0594,
322.2085, 460.2349

■ 19.6951, 23.2524,
46.8215

■ 58.4475, 66.6589,
113.3239

■ 12.2806, 14.7800,
32.5412

■ 78.0859, 88.4055,
144.7737

■ 7.0086, 8.6651,
21.5070

■ 101.6935,
114.4316, 181.5622

■ 3.5139, 4.5234,
13.3002

■ 129.6359,
145.1215, 224.1080

■ 1.4310, 1.9705,
7.5025

162.2783,
180.8598, 272.8297

■ 0.2781, 0.5902,
3.6951

199.9861,

■ 0.0000, 0.0000,

222.0308, 328.1457

1.4596

243.1247,
269.0189, 390.4745

■ 0.0000, 0.0000,
0.1876

■ 0.0000, 0.0000,
0.0000

■ 29.6175, 34.4668,
64.7663

■ 29.6175, 34.4668,
64.7663

■ 26.5093, 30.9222,
64.2466

■ 33.3749, 38.4611,
65.3399

■ 23.9976, 27.7962,
63.7756

■ 37.8219, 42.9257,
65.9673

■ 22.0266, 25.0589,
63.3511

■ 42.9991, 47.8841,
66.6515

■ 20.5260, 22.6720,
62.9695

■ 48.9432, 53.3568,
67.3945

■ 19.9773, 21.7382,
62.8182

■ 55.6880, 59.3631,
68.1984

■ 63.2654, 65.9209,
69.0648

■ 71.7053, 73.0475,
69.9955

■ 79.7719, 80.1072,
70.9330

■ 81.8120, 84.1874,
71.6130

Harmonies

Analogous

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



26.4763, 34.4668, 54.3580



29.6175, 34.4668, 64.7663



33.8802, 34.4668, 67.1583

Triad

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



29.6175, 34.4668, 64.7663



41.9166, 34.4668, 34.4440



27.8592, 34.4668, 21.3573

Complementary

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



29.6175, 34.4668, 64.7663



36.3328, 30.9590, 14.1872

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.



31.6641, 34.4668, 18.2180



29.6175, 34.4668, 64.7663



39.9659, 34.4668, 24.5896

Square

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



29.6175, 34.4668, 64.7663



41.2443, 34.4668, 47.6214



36.1165, 34.4668, 19.2515



25.5266, 34.4668, 28.9730

Rectangle

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



29.6175, 34.4668, 64.7663



36.8375, 34.4668, 63.4853



36.1165, 34.4668, 19.2515



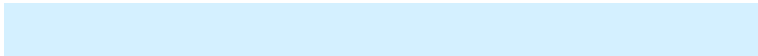
28.9944, 34.4668, 19.8316

Sweetspot

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



29.6187, 34.4681, 64.7671



76.1660, 83.2958, 106.6711



31.1766, 49.0704, 29.8755



15.8789, 17.4420, 22.7797



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.



29.6187, 34.4681, 64.7671



41.1481, 47.9688, 101.6979



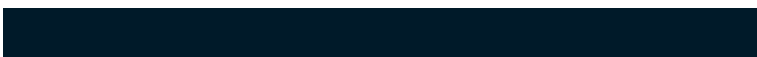
21.3114, 17.8536, 61.9981



11.7922, 12.6746, 15.0686



12.5447, 13.7361, 39.1826



0.7746, 0.9144, 2.2152

Inverse Universe

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



36.8156, 23.8554, 39.2246



54.2286, 31.5466, 54.6317



46.4888, 51.2710, 17.5725



12.1260, 11.9351, 13.9392



18.9627, 9.4579, 15.2418



1.0972, 0.5436, 1.0468

Previews

White Background



This preview shows how the XYZ color 29.6175, 34.4668, 64.7663 looks on a white background.

Color Contrast Check

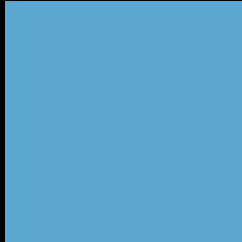
Large Text (above 18pt) WCAG AA × Fail

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 29.6175, 34.4668, 64.7663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

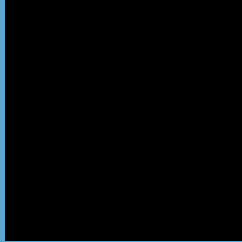
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.6175, 34.4668, 64.7663

Background



This preview shows how black text looks on a background with the XYZ color 29.6175, 34.4668, 64.7663.

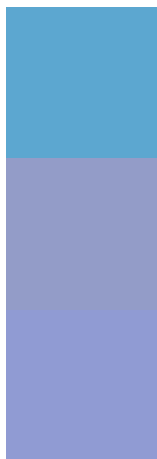


This preview shows how white text looks on a background with the XYZ color 29.6175, 34.4668,

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

29.6175, 34.4668, 64.7663

Protanopia

34.3464, 34.1501, 59.4250

Deuteranopia

34.9808, 34.0751, 66.3615



Tritanopia

26.8871, 34.4676, 51.1348

Trichromacy



Original Color

29.6175, 34.4668, 64.7663

Protanomaly

32.1027, 33.9654, 61.3639

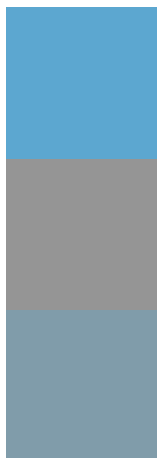
Deuteranomaly

32.4884, 33.8094, 65.7863

Tritanomaly

27.8381, 34.5781, 55.6591

Monochromacy



Original Color

29.6175, 34.4668, 64.7663

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0463, 31.2684, 42.5874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6175, 34.4668, 64.7663 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(92, 167, 208)` looks like.

```
.text, #text, p{  
    color:rgb(92, 167, 208)  
}
```

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(92, 167, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 167, 208) }
```

Border

The CSS property to change the border of an element to XYZ 29.6175, 34.4668, 64.7663 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(92, 167, 208) }
```


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

```
.border{ border-color:rgb(92, 167, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 167, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 167, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 167, 208);  
box-shadow:4px 4px 4px 4px rgb(92, 167,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6175, 34.4668, 64.7663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 167, 208) }
```

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

```
.background{ background-color: rgb(92, 167,  
208) }
```

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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