

Converting Colors

XYZ(30.4576, 35.3752, 61.3825)

Have a look what the booklet for
XYZ(30.4576, 35.3752, 61.3825)
contains.

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Color

**XYZ(30.3722, 35.2126,
61.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	68A8CA
RGB	104, 168, 202
RGB Percent	41%, 66%, 79%
CMY	0.5921, 0.3412, 0.2078
CMYK	0.49, 0.17, 0.00, 0.21
HSL	201°, 48%, 60%
HSV	201°, 49%, 79%
XYZ	30.3722, 35.2126, 61.0730
YIQ	152.7400, -49.0580, -2.9940

Conversions

Conversions Part 2

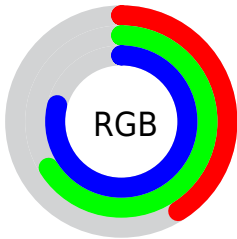
Format	Color
RYB	104, 143, 202
Decimal	6858954
CIELab	65.91, -11.24, -23.71
CIElCh	66, 26.240, 244.631
Yxy	35.2126, 0.2398, 0.2780
Android (android.graphics.Color)	4285049034 (0xFF68A8CA)
YUV	152.7400, 24.2852, -42.7450
Hunter-Lab	59.3402, -12.4834, -19.4832

Details

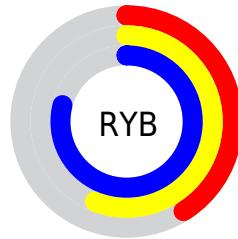
The XYZ color **30.3722, 35.2126, 61.0730** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.9451, 31.7339, 17.3286**, and the grayscale version is **30.0794, 31.6459, 34.4624**.

A 20% lighter version of the original color is **58.9349, 67.4689, 104.5243**, and **12.7174, 15.2097, 30.2825** is the 20% darker color. If you saturate the color by 10%, you get **27.0434, 31.6280, 60.5572**, and if you desaturate by 10%, it is **34.3346, 39.2288, 61.6400**.

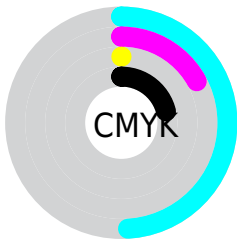
Distribution



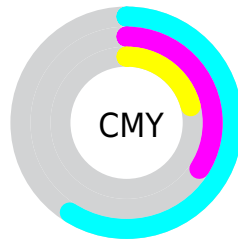
- Red (41%)
- Green (66%)
- Blue (79%)



- Red (41%)
- Yellow (56%)
- Blue (79%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3722, 35.2126, 61.0730 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 30.3722, 35.2126, 61.0730 by changing the saturation by 10% instead.

■ 30.3722, 35.2126,
61.0730

■ 30.3722, 35.2126,
61.0730

■ 295.5143,
325.5057, 446.4556

■ 20.2707, 23.8267,
43.8531

■ 59.6329, 67.8150,
107.9432

■ 12.7014, 15.2051,
30.2187

■ 79.5228, 89.8003,
138.4306

■ 7.2988, 8.9635,
19.7512

■ 103.4063,
116.0874, 174.1776

■ 3.6977, 4.7174,
12.0320

■ 131.6487,
147.0609, 215.6028

■ 1.5326, 2.0824,
6.6427

■ 164.6153,
183.1051, 263.1246

■ 0.3478, 0.6547,
3.1646

■ 202.6716,

■ 0.0000, 0.0000,

224.6044, 317.1616

1.1793

246.1828,
271.9431, 378.1325

■ 0.0000, 0.0000,
0.0000

■ 30.3722, 35.2126,
61.0730

■ 30.3722, 35.2126,
61.0730

■ 27.0434, 31.6280,
60.5572

■ 34.3346, 39.2288,
61.6400

■ 24.3029, 28.4479,
60.0878

■ 38.9650, 43.6937,
62.2578

■ 22.1045, 25.6475,
59.6631

■ 44.2991, 48.6281,
62.9291

■ 20.3926, 23.1965,
59.2803

■ 50.3691, 54.0500,
63.6557

■ 19.0808, 21.0485,
58.9348

■ 57.2050, 59.9763,
64.4393

■ 18.9013, 20.7453,
58.8858

■ 64.8352, 66.4232,
65.2815

■ 73.2865, 73.4059,
66.1839

■ 78.5745, 78.8718,
66.9602

■ 80.4978, 82.7183,
67.6013

Harmonies

Analogous

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



27.6965, 35.2126, 51.8124



30.3722, 35.2126, 61.0730



34.0746, 35.2126, 63.8291

Triad

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



30.3722, 35.2126, 61.0730



41.4706, 35.2126, 36.6410



29.4046, 35.2126, 23.3076

Complementary

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



30.3722, 35.2126, 61.0730



35.9451, 31.7339, 17.3286

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.



32.8697, 35.2126, 20.7411



30.3722, 35.2126, 61.0730



39.9915, 35.2126, 27.4332

Square

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



30.3722, 35.2126, 61.0730



40.6737, 35.2126, 48.2448



36.7684, 35.2126, 22.0913



27.1688, 35.2126, 29.8940

Rectangle

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



30.3722, 35.2126, 61.0730



36.6757, 35.2126, 61.2319



36.7684, 35.2126, 22.0913



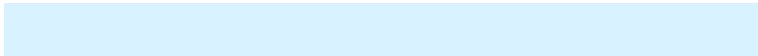
30.4540, 35.2126, 22.0108

Sweetspot

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



30.3733, 35.2139, 61.0738



78.2628, 85.2770, 106.9430



31.3219, 46.9815, 30.9604



16.2974, 17.8435, 22.8351



0.0000, 0.0000, 0.0000



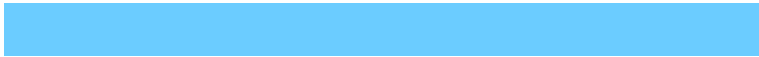
20.3446, 21.4041, 23.3091

Same Dimension

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



30.3733, 35.2139, 61.0738



45.6444, 53.3900, 102.5073



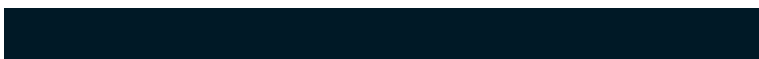
23.1273, 20.7218, 58.6585



11.2029, 12.0463, 14.3051



12.2486, 13.5211, 37.9205



0.7011, 0.8360, 1.9793

Inverse Universe

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



36.3763, 25.2854, 40.0105



57.3699, 36.1410, 60.8834



44.3454, 48.5344, 20.1286



11.5158, 11.3350, 13.2507



18.3934, 9.1680, 15.0563



0.9838, 0.4869, 0.9607

Previews

White Background



This preview shows how the XYZ color 30.3722, 35.2126, 61.0730 looks on a white background.

Color Contrast Check

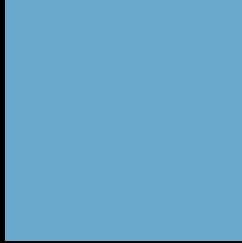
Large Text (above 18pt) WCAG AA × Fail

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 30.3722, 35.2126, 61.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

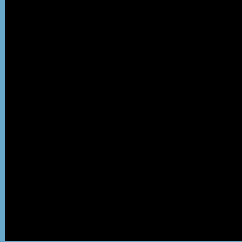
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3722, 35.2126, 61.0730

Background



This preview shows how black text looks on a background with the XYZ color 30.3722, 35.2126, 61.0730.



This preview shows how white text looks on a background with the XYZ color 30.3722, 35.2126,

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

30.3722, 35.2126, 61.0730

Protanopia

34.8397, 34.9732, 56.5440

Deuteranopia

35.7186, 35.0529, 62.0101



Tritanopia

28.3569, 35.2253, 51.2035

Trichromacy



Original Color

30.3722, 35.2126, 61.0730

Protanomaly

32.9449, 34.9862, 58.4427

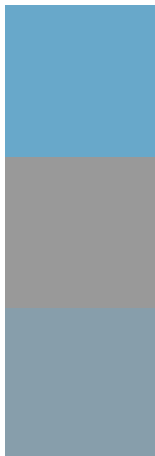
Deuteranomaly

33.3559, 34.8699, 61.4724

Tritanomaly

29.0342, 35.2204, 54.5582

Monochromacy



Original Color

30.3722, 35.2126, 61.0730

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.5692, 32.5449, 43.2514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3722, 35.2126, 61.0730 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(104, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(104, 168, 202)  
}
```

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(104, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 168, 202) }
```

Border

The CSS property to change the border of an element to XYZ 30.3722, 35.2126, 61.0730 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(104, 168, 202) }
```


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

```
.border{ border-color:rgb(104, 168, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 168, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 168, 202);  
box-shadow:4px 4px 4px 4px rgb(104, 168,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3722, 35.2126, 61.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 168, 202) }
```

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

```
.background{ background-color: rgb(104,  
168, 202) }
```

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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