

Converting Colors

XYZ(27.9014, 34.2180, 61.0112)

Have a look what the booklet for
XYZ(27.9014, 34.2180, 61.0112)
contains.

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Color

**XYZ(27.9092, 34.2180,
61.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	4DA9CA
RGB	77, 169, 202
RGB Percent	30%, 66%, 79%
CMY	0.6980, 0.3372, 0.2078
CMYK	0.62, 0.16, 0.00, 0.21
HSL	196°, 54%, 55%
HSV	196°, 62%, 79%
XYZ	27.9092, 34.2180, 61.0109
YIQ	145.2540, -65.4250, -9.2410

Conversions

Conversions Part 2

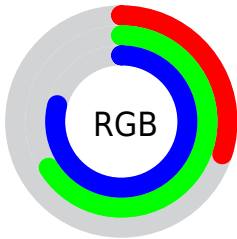
Format	Color
RYB	77, 130, 202
Decimal	5089738
CIELab	65.14, -17.39, -25.00
CIElCh	65, 30.449, 235.176
Yxy	34.2180, 0.2266, 0.2779
Android (android.graphics.Color)	4283279818 (0xFF4DA9CA)
YUV	145.2540, 27.9758, -59.8588
Hunter-Lab	58.4962, -17.2038, -20.8916

Details

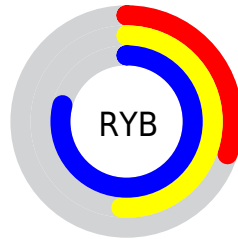
The XYZ color **27.9092, 34.2180, 61.0109** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **31.2737, 24.2455, 10.0539**, and the grayscale version is **26.9269, 28.3292, 30.8505**.

A 20% lighter version of the original color is **55.0222, 65.8497, 104.4180**, and **11.7066, 14.8607, 30.2684** is the 20% darker color. If you saturate the color by 10%, you get **25.5535, 31.5614, 60.6229**, and if you desaturate by 10%, it is **30.8135, 37.2189, 61.4377**.

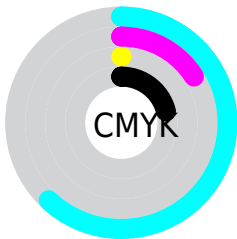
Distribution



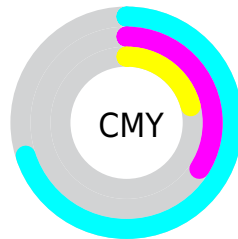
- Red (30%)
- Green (66%)
- Blue (79%)



- Red (30%)
- Yellow (51%)
- Blue (79%)



- Cyan (62%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (70%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9092, 34.2180, 61.0109 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 27.9092, 34.2180, 61.0109 by changing the saturation by 10% instead.

■ 27.9092, 34.2180,
61.0109

■ 27.9092, 34.2180,
61.0109

284.1207,
321.1030, 446.2216

■ 18.3973, 23.0611,
43.8034

■ 55.7491, 66.2725,
107.8524

■ 11.3370, 14.6386,
30.1799

■ 74.8078, 87.9390,
138.3234

■ 6.3630, 8.5662,
19.7220

■ 97.7796, 113.8774,
174.0527

■ 3.1098, 4.4593,
12.0110

■ 125.0297,
144.4722, 215.4588

■ 1.2121, 1.9337,
6.6286

156.9235,
180.1078, 262.9601

■ 0.1159, 0.5685,
3.1560

193.8264,

■ 0.0000, 0.0000,

221.1685, 316.9754

1.1748

236.1037,
268.0388, 377.9230

■ 0.0000, 0.0000,
0.0000

■ 27.9092, 34.2180,
61.0109

■ 27.9092, 34.2180,
61.0109

■ 25.5535, 31.5614,
60.6229

■ 30.8135, 37.2189,
61.4377

■ 23.6941, 29.2192,
60.2688

■ 34.3060, 40.5832,
61.9030

■ 22.2734, 27.1619,
59.9466

■ 38.4262, 44.3325,
62.4095

■ 21.3566, 25.6559,
59.7042

■ 43.2092, 48.4855,
62.9591

■ 48.6873, 53.0597,
63.5532

■ 54.8906, 58.0713,
64.1936

■ 61.8475, 63.5354,
64.8816

■ 69.5848, 69.4664,
65.6186

■ 76.7131, 75.1489,
66.3398

Harmonies

Analogous

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



25.4250, 34.2180, 48.5951



27.9092, 34.2180, 61.0109



31.8140, 34.2180, 67.1390

Triad

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



27.9092, 34.2180, 61.0109



41.7438, 34.2180, 39.3413



29.0416, 34.2180, 19.2920

Complementary

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



27.9092, 34.2180, 61.0109



31.2737, 24.2455, 10.0539

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.



33.2428, 34.2180, 17.8926



27.9092, 34.2180, 61.0109



40.8330, 34.2180, 27.8367

Square

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



27.9092, 34.2180, 61.0109



40.0072, 34.2180, 52.9495



37.6196, 34.2180, 20.6417



26.0361, 34.2180, 25.0196

Rectangle

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



27.9092, 34.2180, 61.0109



34.7981, 34.2180, 66.0165



37.6196, 34.2180, 20.6417



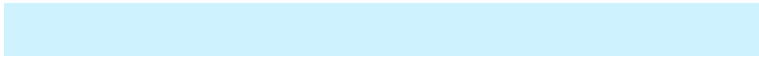
30.3496, 34.2180, 18.3641

Sweetspot

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



27.9103, 34.2193, 61.0117



75.4710, 84.0496, 106.8532



26.9022, 44.9078, 21.5088



15.6068, 17.5266, 22.8104



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.



27.9103, 34.2193, 61.0117



42.1922, 52.1391, 102.4478



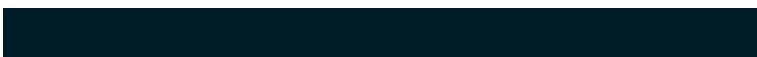
19.1114, 16.6214, 58.0788



11.2830, 12.2063, 14.3318



13.8186, 16.6611, 38.4439



0.7728, 0.9793, 2.0032

Inverse Universe

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



34.1734, 20.7300, 39.7375



54.2474, 29.6082, 60.7295



40.2134, 42.1250, 13.0338



11.5562, 11.3512, 13.4635



19.1859, 9.4849, 19.2294



1.0200, 0.5014, 1.1512

Previews

White Background



This preview shows how the XYZ color 27.9092, 34.2180, 61.0109 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 27.9092, 34.2180, 61.0109 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 27.9092, 34.2180, 61.0109

Background



This preview shows how black text looks on a background with the XYZ color 27.9092, 34.2180, 61.0109.



This preview shows how white text looks on a background with the XYZ color 27.9092, 34.2180,

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

27.9092, 34.2180, 61.0109

Protanopia

33.9085, 34.0168, 55.2308

Deuteranopia

34.5948, 33.9615, 62.4895



Tritanopia

26.0697, 34.3154, 51.7039

Trichromacy



Original Color

27.9092, 34.2180, 61.0109

Protanomaly

30.8771, 33.6862, 57.0992

Deuteranomaly

31.3550, 33.5662, 61.9531

Tritanomaly

26.7498, 34.3093, 55.0817

Monochromacy



Original Color

27.9092, 34.2180, 61.0109

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.1843, 29.8574, 40.4594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9092, 34.2180, 61.0109 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(77, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(77, 169, 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(77, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 169, 202) }
```

Border

The CSS property to change the border of an element to XYZ 27.9092, 34.2180, 61.0109 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(77, 169, 202) }
```


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

```
.border{ border-color:rgb(77, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(77, 169,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9092, 34.2180, 61.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 169, 202) }
```

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

```
.background{ background-color: rgb(77, 169,  
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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