

Converting Colors

XYZ(29.2250, 34.9945, 59.0303)

Have a look what the booklet for
XYZ(29.2250, 34.9945, 59.0303)
contains.

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Color

**XYZ(29.2161, 34.9324,
59.2356)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA9C7
RGB	95, 169, 199
RGB Percent	37%, 66%, 78%
CMY	0.6274, 0.3372, 0.2196
CMYK	0.52, 0.15, 0.00, 0.22
HSL	197°, 48%, 58%
HSV	197°, 52%, 78%
XYZ	29.2161, 34.9324, 59.2356
YIQ	150.2940, -53.7340, -6.3580

Conversions

Conversions Part 2

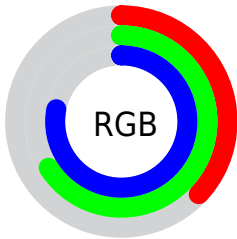
Format	Color
RYB	95, 138, 199
Decimal	6269383
CIELab	65.70, -14.70, -22.41
CIELCh	66, 26.803, 236.747
Yxy	34.9324, 0.2368, 0.2831
Android (android.graphics.Color)	4284459463 (0xFF5FA9C7)
YUV	150.2940, 24.0121, -48.4928
Hunter-Lab	59.1036, -15.1953, -18.0498

Details

The XYZ color **29.2161, 34.9324, 59.2356** 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 **32.9532, 27.6366, 14.4252**, and the grayscale version is **29.0328, 30.5448, 33.2633**.

A 20% lighter version of the original color is **57.6545, 67.2067, 104.5412**, and **12.0678, 15.0740, 29.0616** is the 20% darker color. If you saturate the color by 10%, you get **26.3626, 31.9114, 58.8035**, and if you desaturate by 10%, it is **32.6467, 38.3220, 59.7097**.

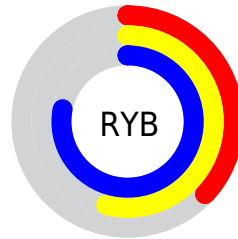
Distribution



Red (37%)

Green (66%)

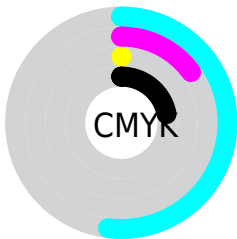
Blue (78%)



Red (37%)

Yellow (54%)

Blue (78%)

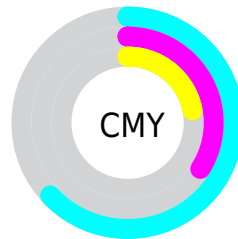


Cyan (52%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (63%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2161, 34.9324, 59.2356 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 29.2161, 34.9324, 59.2356 by changing the saturation by 10% instead.

■ 29.2161, 34.9324,
59.2356

■ 29.2161, 34.9324,
59.2356

290.2091,
324.2699, 439.5006

■ 19.3895, 23.6108,
42.3815

■ 57.8154, 67.3810,
105.2525

■ 12.0577, 15.0452,
29.0724

■ 77.3188, 89.2769,
135.2524

■ 6.8555, 8.8511,
18.8895

■ 100.7786,
115.4662, 170.4714

■ 3.4174, 4.6442,
11.4145

■ 128.5599,
146.3335, 211.3279

■ 1.3781, 2.0400,
6.2287

161.0283,
182.2631, 258.2406

■ 0.2406, 0.6306,
2.9136

198.5490,

■ 0.0000, 0.0000,

223.6395, 311.6279

1.0507

241.4875,
270.8469, 371.9084

■ 0.0000, 0.0000,
0.0000

■ 29.2161, 34.9324,
59.2356

■ 29.2161, 34.9324,
59.2356

■ 26.3626, 31.9114,
58.8035

■ 32.6467, 38.3220,
59.7097

■ 24.0412, 29.2326,
58.4088

■ 36.6883, 42.0963,
60.2252

■ 22.2053, 26.8720,
58.0499

■ 41.3760, 46.2751,
60.7847

■ 20.7979, 24.7992,
57.7240

■ 46.7413, 50.8754,
61.3899

■ 19.9223, 23.3502,
57.4905

■ 52.8135, 55.9130,
62.0422

■ 59.6200, 61.4029,
62.7431

■ 67.1868, 67.3594,
63.4940

■ 75.5386, 73.7959,
64.2962

■ 77.3171, 76.9199,
64.8054

Harmonies

Analogous

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



26.8817, 34.9324, 48.6681



29.2161, 34.9324, 59.2356



32.7739, 34.9324, 64.0924

Triad

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



29.2161, 34.9324, 59.2356



41.3612, 34.9324, 39.2808



29.9057, 34.9324, 21.7540

Complementary

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



29.2161, 34.9324, 59.2356



32.9532, 27.6366, 14.4252

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.



33.6342, 34.9324, 20.2152



29.2161, 34.9324, 59.2356



40.4431, 34.9324, 29.0765

Square

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



29.2161, 34.9324, 59.2356



39.9544, 34.9324, 51.2268



37.5353, 34.9324, 22.6140



27.2571, 34.9324, 27.3286

Rectangle

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



29.2161, 34.9324, 59.2356



35.4351, 34.9324, 62.8460



37.5353, 34.9324, 22.6140



31.0652, 34.9324, 20.8021

Sweetspot

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



29.2172, 34.9337, 59.2364



77.9597, 85.7858, 107.0571



28.8114, 44.7476, 26.3438



16.2668, 18.0017, 22.8673



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.



29.2172, 34.9337, 59.2364



45.4191, 55.0524, 102.8401



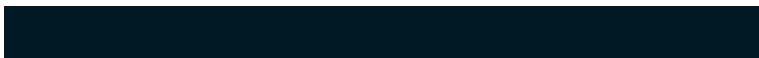
21.4528, 19.4049, 56.6483



10.6783, 11.5306, 13.5803



12.8885, 15.1710, 36.9933



0.6702, 0.8381, 1.7716

Inverse Universe

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



34.8078, 23.1922, 40.1795



56.7404, 33.9144, 63.6566



41.2366, 44.2033, 17.1863



10.9476, 10.7624, 12.7075



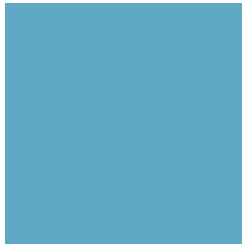
18.3049, 9.0715, 17.3471



0.8970, 0.4416, 0.9806

Previews

White Background



This preview shows how the XYZ color 29.2161, 34.9324, 59.2356 looks on a white background.

Color Contrast Check

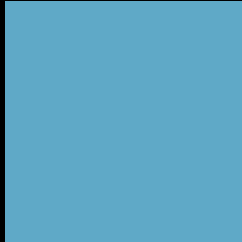
Large Text (above 18pt) WCAG AA × Fail

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 29.2161, 34.9324, 59.2356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

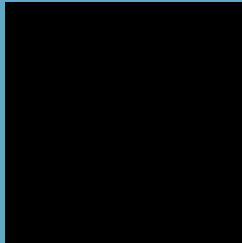
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2161, 34.9324, 59.2356

Background



This preview shows how black text looks on a background with the XYZ color 29.2161, 34.9324, 59.2356.



This preview shows how white text looks on a background with the XYZ color 29.2161, 34.9324,

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

29.2161, 34.9324, 59.2356

Protanopia

34.4098, 34.5509, 54.1456

Deuteranopia

35.4980, 34.7166, 60.7071



Tritanopia

27.5363, 34.8023, 51.1651

Trichromacy



Original Color

29.2161, 34.9324, 59.2356

Protanomaly

31.8425, 34.2101, 55.9639

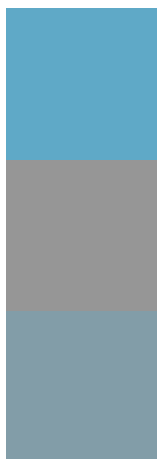
Deuteranomaly

32.6476, 34.5321, 60.2030

Tritanomaly

28.0826, 34.7425, 53.9411

Monochromacy



Original Color

29.2161, 34.9324, 59.2356

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.3308, 31.6869, 41.6688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2161, 34.9324, 59.2356 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(95, 169, 199)` looks like.

```
.text, #text, p{  
    color:rgb(95, 169, 199)  
}
```

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(95, 169, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 169, 199) }
```

Border

The CSS property to change the border of an element to XYZ 29.2161, 34.9324, 59.2356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

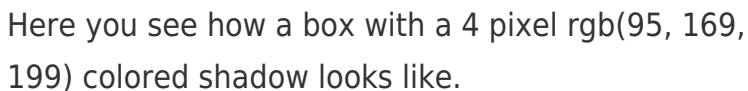
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 169, 199) }
```


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

```
.border{ border-color:rgb(95, 169, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 169, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 169, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 169, 199); box-shadow:4px 4px 4px 4px rgb(95, 169, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2161, 34.9324, 59.2356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 169, 199) }
```

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

```
.background{ background-color: rgb(95, 169,  
199) }
```

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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