

Converting Colors

XYZ(29.1960, 34.3494, 55.6226)

Have a look what the booklet for
XYZ(29.1960, 34.3494, 55.6226)
contains.

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Color

**XYZ(29.2701, 34.4909,
55.5668)**

Conversions

Conversions Part 1

Format	Color
Hex	69A7C1
RGB	105, 167, 193
RGB Percent	41%, 65%, 76%
CMY	0.5882, 0.3451, 0.2431
CMYK	0.46, 0.13, 0.00, 0.24
HSL	198°, 42%, 58%
HSV	198°, 46%, 76%
XYZ	29.2701, 34.4909, 55.5668
YIQ	151.4260, -45.2980, -5.0580

Conversions

Conversions Part 2

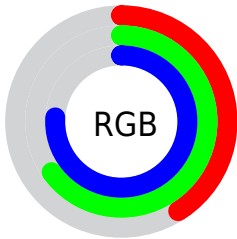
Format	Color
RYB	105, 141, 193
Decimal	6924225
CIELab	65.35, -13.00, -19.57
CIELCh	65, 23.492, 236.402
Yxy	34.4909, 0.2453, 0.2890
Android (android.graphics.Color)	4285114305 (0xFF69A7C1)
YUV	151.4260, 20.4960, -40.7156
Hunter-Lab	58.7290, -13.8125, -14.9874

Details

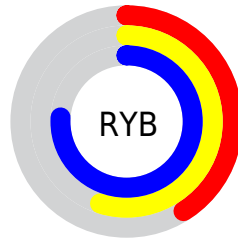
The XYZ color **29.2701, 34.4909, 55.5668** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.6594, 28.5911, 17.1632**, and the grayscale version is **29.5277, 31.0654, 33.8302**.

A 20% lighter version of the original color is **57.7174, 66.5557, 99.4270**, and **12.0576, 14.7785, 26.6431** is the 20% darker color. If you saturate the color by 10%, you get **26.2338, 31.4096, 55.1327**, and if you desaturate by 10%, it is **32.8691, 37.9322, 56.0420**.

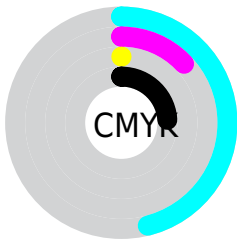
Distribution



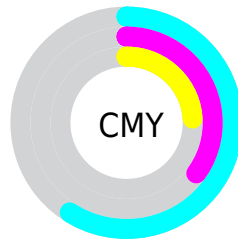
- Red (41%)
- Green (65%)
- Blue (76%)



- Red (41%)
- Yellow (55%)
- Blue (76%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (59%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2701, 34.4909, 55.5668 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 29.2701, 34.4909, 55.5668 by changing the saturation by 10% instead.

■ 29.2701, 34.4909,
55.5668

■ 29.2701, 34.4909,
55.5668

290.4585,
322.3154, 425.3992

■ 19.4306, 23.2710,
39.4540

■ 57.9005, 66.6963,
99.8504

■ 12.0876, 14.7937,
26.8026

■ 77.4221, 88.4506,
128.8583

■ 6.8760, 8.6747,
17.1939

■ 100.9018,
114.4852, 163.0016

■ 3.4303, 4.5296,
10.2094

■ 128.7049,
145.1844, 202.6990

■ 1.3852, 1.9740,
5.4306

161.1967,
180.9326, 248.3689

■ 0.2456, 0.5923,
2.4389

198.7427,

■ 0.0000, 0.0000,

222.1143, 300.4299

0.8075

241.7082,
269.1137, 359.3005

■ 0.0000, 0.0000,
0.0000

■ 29.2701, 34.4909,
55.5668

■ 29.2701, 34.4909,
55.5668

■ 26.2338, 31.4096,
55.1327

■ 32.8691, 37.9322,
56.0420

■ 23.7210, 28.6649,
54.7354

■ 37.0600, 41.7471,
56.5574

■ 21.6926, 26.2366,
54.3736

■ 41.8738, 45.9532,
57.1156

■ 20.1019, 24.0997,
54.0449

■ 47.3383, 50.5657,
57.7179

■ 18.8914, 22.2235,
53.7466

■ 53.4796, 55.5987,
58.3657

■ 18.4270, 21.4527,
53.6223

■ 60.3223, 61.0659,
59.0603

■ 67.8897, 66.9800,
59.8030

■ 74.5646, 72.5080,
60.5182

■ 76.0209, 75.4205,
61.0036

Harmonies

Analogous

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



27.2281, 34.4909, 46.5860



29.2701, 34.4909, 55.5668



32.3708, 34.4909, 59.7107

Triad

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



29.2701, 34.4909, 55.5668



39.8078, 34.4909, 38.7513



29.9392, 34.4909, 23.0619

Complementary

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



29.2701, 34.4909, 55.5668



32.6594, 28.5911, 17.1632

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.



33.1978, 34.4909, 21.6947



29.2701, 34.4909, 55.5668



39.0453, 34.4909, 29.7733

Square

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



29.2701, 34.4909, 55.5668



38.5826, 34.4909, 48.9941



36.5654, 34.4909, 23.9280



27.5950, 34.4909, 28.0508

Rectangle

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



29.2701, 34.4909, 55.5668



34.6785, 34.4909, 58.7207



36.5654, 34.4909, 23.9280



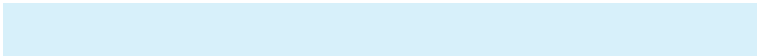
30.9570, 34.4909, 22.2056

Sweetspot

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



29.2712, 34.4922, 55.5676



76.2704, 83.3933, 102.4369



28.9215, 42.7540, 27.8250



15.9317, 17.5213, 21.9275



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.2712, 34.4922, 55.5676



46.8519, 56.1148, 98.7222



22.6685, 21.2868, 53.3667



10.1091, 10.9096, 12.8578



12.3281, 14.4127, 35.6888



0.5901, 0.7377, 1.5612

Inverse Universe

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



34.0199, 24.2318, 39.4446



56.7778, 36.6125, 64.5856



39.6662, 42.6047, 19.4988



10.3664, 10.1952, 12.0199



17.6186, 8.7372, 16.4356



0.7903, 0.3891, 0.8629

Previews

White Background



This preview shows how the XYZ color 29.2701, 34.4909, 55.5668 looks on a white background.

Color Contrast Check

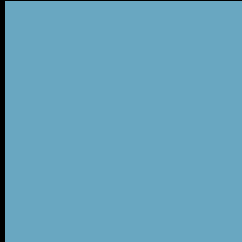
Large Text (above 18pt) WCAG AA × Fail

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 29.2701, 34.4909, 55.5668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

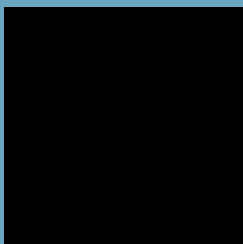
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

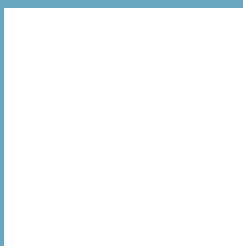
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2701, 34.4909, 55.5668

Background



This preview shows how black text looks on a background with the XYZ color 29.2701, 34.4909, 55.5668.



This preview shows how white text looks on a background with the XYZ color 29.2701, 34.4909,

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

29.2701, 34.4909, 55.5668

Protanopia

33.8688, 34.3345, 51.2965

Deuteranopia

35.0116, 34.2982, 56.9995



Tritanopia

28.1110, 34.5781, 49.4486

Trichromacy



Original Color

29.2701, 34.4909, 55.5668

Protanomaly

31.9219, 34.3148, 53.0851

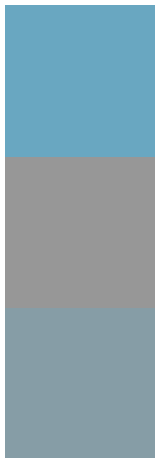
Deuteranomaly

32.4018, 33.9706, 56.4790

Tritanomaly

28.4591, 34.4340, 51.6008

Monochromacy



Original Color

29.2701, 34.4909, 55.5668

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.7714, 31.9354, 40.7241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2701, 34.4909, 55.5668 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(105, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(105, 167, 193)  
}
```

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(105, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 167, 193) }
```

Border

The CSS property to change the border of an element to XYZ 29.2701, 34.4909, 55.5668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

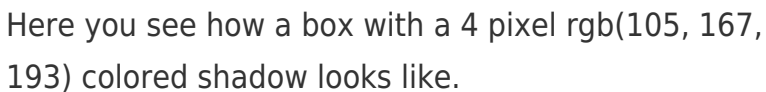
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 167, 193) }
```


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

```
.border{ border-color:rgb(105, 167, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(105, 167,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2701, 34.4909, 55.5668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 167, 193) }
```

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

```
.background{ background-color: rgb(105,  
167, 193) }
```

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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