

Converting Colors

XYZ(23.2720, 30.0169, 35.6611)

Have a look what the booklet for
XYZ(23.2720, 30.0169, 35.6611)
contains.

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Color

**XYZ(23.2065, 29.9411,
35.5664)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA09B
RGB	95, 160, 155
RGB Percent	37%, 63%, 61%
CMY	0.6274, 0.3725, 0.3922
CMYK	0.41, 0.00, 0.03, 0.37
HSL	175°, 25%, 50%
HSV	175°, 41%, 63%
XYZ	23.2065, 29.9411, 35.5664
YIQ	139.9950, -37.1350, -15.3350

Conversions

Conversions Part 2

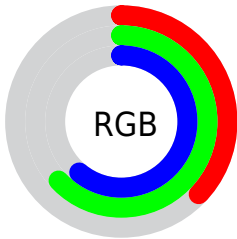
Format	Color
R_{YB}	95, 129, 160
Decimal	6267035
CIE _{Lab}	61.60, -21.99, -3.94
CIE _{LCh}	62, 22.340, 190.158
Yxy	29.9411, 0.2616, 0.3375
Android (android.graphics.Color)	4284457115 (0xFF5FA09B)
YUV	139.9950, 7.3975, -39.4606
Hunter-Lab	54.7185, -20.0542, -0.2349

Details

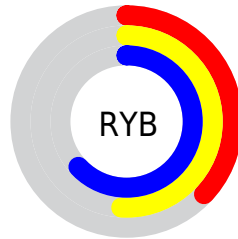
The XYZ color **23.2065, 29.9411, 35.5664** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8907, 16.5789, 14.1567**, and the grayscale version is **24.9085, 26.2057, 28.5380**.

A 20% lighter version of the original color is **48.2035, 59.5939, 69.2838**, and **8.7757, 12.1960, 14.9882** is the 20% darker color. If you saturate the color by 10%, you get **21.6095, 29.1305, 34.9552**, and if you desaturate by 10%, it is **25.1477, 30.9305, 36.2005**.

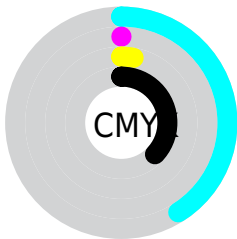
Distribution



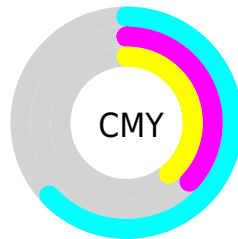
- Red (37%)
- Green (63%)
- Blue (61%)



- Red (37%)
- Yellow (51%)
- Blue (63%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2065, 29.9411, 35.5664 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 23.2065, 29.9411, 35.5664 by changing the saturation by 10% instead.

■ 23.2065, 29.9411,
35.5664

■ 23.2065, 29.9411,
35.5664

261.2994,
301.6298, 342.0413

■ 14.8676, 19.7939,
23.8125

■ 48.1963, 59.5690,
69.5238

■ 8.8122, 12.2453,
14.9837

■ 65.5780, 79.8185,
92.5643

■ 4.6750, 6.9110,
8.6614

■ 86.7046, 104.2042,
120.2041

■ 2.0907, 3.4065,
4.4272

■ 111.9415,
133.1105, 152.8618

■ 0.6841, 1.3474,
1.8625

141.6541,
166.9219, 190.9557

■ 0.0000, 0.1775,
0.4687

176.2077,

■ 0.0000, 0.0000,

206.0226, 234.9046

0.0000

215.9677,
250.7971, 285.1270

■ 23.2065, 29.9411,
35.5664

■ 23.2065, 29.9411,
35.5664

■ 21.6095, 29.1305,
34.9552

■ 25.1477, 30.9305,
36.2005

■ 20.3331, 28.4842,
34.3639

■ 27.4496, 32.1051,
36.8564

■ 19.3546, 27.9914,
33.7919

■ 30.1311, 33.4752,
37.5355

■ 18.6476, 27.6385,
33.2382

■ 33.2088, 35.0494,
38.2388

■ 18.1808, 27.4092,
32.7011

■ 36.6983, 36.8358,
38.9669

■ 17.8921, 27.2710,
32.2095

■ 40.6144, 38.8421,
39.7205

■ 44.9713, 41.0753,
40.5004

■ 49.7822, 43.5426,
41.3071

■ 55.0602, 46.2505,
42.1413

Harmonies

Analogous

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



23.4246, 29.9411, 27.3662



23.2065, 29.9411, 35.5664



24.3190, 29.9411, 44.3064

Triad

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



23.2065, 29.9411, 35.5664



32.2959, 29.9411, 46.7414



30.4377, 29.9411, 19.5266

Complementary

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



23.2065, 29.9411, 35.5664



20.8907, 16.5789, 14.1567

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.



33.0421, 29.9411, 23.1630



23.2065, 29.9411, 35.5664



34.1655, 29.9411, 38.4636

Square

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



23.2065, 29.9411, 35.5664



29.4756, 29.9411, 51.4610



34.4477, 29.9411, 29.8048



27.4643, 29.9411, 19.0240

Rectangle

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



23.2065, 29.9411, 35.5664



25.7141, 29.9411, 48.9156



34.4477, 29.9411, 29.8048



31.3908, 29.9411, 20.3887

Sweetspot

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



23.2074, 29.9423, 35.5671



53.8773, 60.3546, 67.9499



19.9390, 28.7022, 15.3162



11.6834, 13.1688, 14.8698



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.2074, 29.9423, 35.5671



39.4133, 52.9808, 63.5403



19.4415, 21.7242, 36.4276



6.7998, 7.5007, 8.3804



13.9444, 21.2457, 25.1280



0.2552, 0.3822, 0.4802

Inverse Universe

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



20.8907, 16.5789, 14.1567



34.6104, 25.2375, 19.1240



23.5336, 22.2403, 13.8795



6.6527, 6.6540, 7.0225



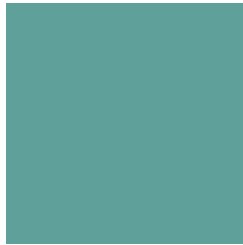
11.3534, 5.8459, 0.8463



0.2084, 0.1067, 0.0434

Previews

White Background



This preview shows how the XYZ color 23.2065, 29.9411, 35.5664 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2065, 29.9411, 35.5664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

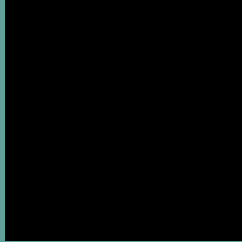
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2065, 29.9411, 35.5664

Background



This preview shows how black text looks on a background with the XYZ color 23.2065, 29.9411, 35.5664.

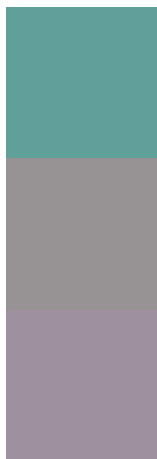


This preview shows how white text looks on a background with the XYZ color 23.2065, 29.9411,

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

23.2065, 29.9411, 35.5664

Protanopia

28.5415, 29.5849, 32.2231

Deuteranopia

30.2454, 29.6842, 36.4833



Tritanopia

24.6281, 30.0086, 42.5244

Trichromacy



Original Color

23.2065, 29.9411, 35.5664

Protanomaly

26.1742, 29.5161, 33.5958

Deuteranomaly

26.9838, 29.3979, 36.1505

Tritanomaly

24.2267, 30.1096, 40.1322

Monochromacy



Original Color

23.2065, 29.9411, 35.5664

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.8567, 27.1969, 30.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2065, 29.9411, 35.5664 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, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 155)  
}
```

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, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 155) }
```

Border

The CSS property to change the border of an element to XYZ 23.2065, 29.9411, 35.5664 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, 160, 155) }
```


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

```
.border{ border-color:rgb(95, 160, 155) }
```

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

Here you see how a box with a 4 pixel rgb(95, 160, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 155);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2065, 29.9411, 35.5664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 155) }
```

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

```
.background{ background-color: rgb(95, 160,  
155) }
```

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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