

Converting Colors

XYZ(25.3828, 32.1926, 56.8029)

Have a look what the booklet for
XYZ(25.3828, 32.1926, 56.8029)
contains.

XYZ(25.4635, 32.2186, 57.1013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4635, 32.2186,
57.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA6C4
RGB	60, 166, 196
RGB Percent	24%, 65%, 77%
CMY	0.7647, 0.3490, 0.2314
CMYK	0.69, 0.15, 0.00, 0.23
HSL	193°, 54%, 50%
HSV	193°, 69%, 77%
XYZ	25.4635, 32.2186, 57.1013
YIQ	137.7260, -72.8060, -13.1420

Conversions

Conversions Part 2

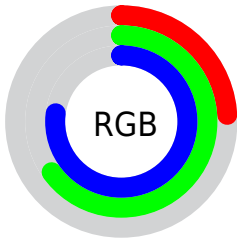
Format	Color
RYB	60, 120, 196
Decimal	3974852
CIELab	63.52, -20.45, -24.18
CIELCh	64, 31.662, 229.779
Yxy	32.2186, 0.2218, 0.2807
Android (android.graphics.Color)	4282164932 (0xFF3CA6C4)
YUV	137.7260, 28.7291, -68.1657
Hunter-Lab	56.7614, -19.2564, -19.9120

Details

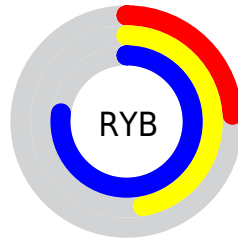
The XYZ color **25.4635, 32.2186, 57.1013** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **27.2378, 19.3758, 6.5805**, and the grayscale version is **23.9684, 25.2167, 27.4610**.

A 20% lighter version of the original color is **51.8983, 63.0898, 102.3707**, and **10.8998, 13.9876, 27.7166** is the 20% darker color. If you saturate the color by 10%, you get **23.7188, 30.1725, 56.7989**, and if you desaturate by 10%, it is **27.6751, 34.5459, 57.4346**.

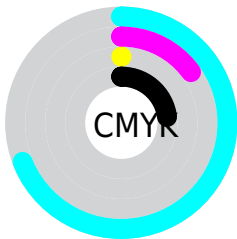
Distribution



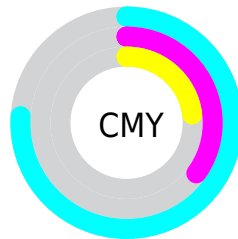
- Red (24%)
- Green (65%)
- Blue (77%)



- Red (24%)
- Yellow (47%)
- Blue (77%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)



- Cyan (76%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4635, 32.2186, 57.1013 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 25.4635, 32.2186, 57.1013 by changing the saturation by 10% instead.

■ 25.4635, 32.2186,
57.1013

■ 25.4635, 32.2186,
57.1013

272.4437,
312.1138, 431.3332

■ 16.5533, 21.5285,
40.6767

■ 51.8457, 63.1536,
102.1148

■ 10.0098, 13.5109,
27.7487

■ 70.0483, 84.1674,
131.5407

■ 5.4678, 7.7813,
17.8989

■ 92.0792, 109.3911,
166.1375

■ 2.5618, 3.9553,
10.7088

■ 118.3035,
139.2093, 206.3237

■ 0.9265, 1.6486,
5.7597

■ 149.0868,
174.0062, 252.5178

■ 0.0000, 0.3900,
2.6331

184.7944,

■ 0.0000, 0.0000,

214.1664, 305.1384

0.9095

225.7915,
260.0741, 364.6040

■ 0.0000, 0.0000,
0.0000

■ 25.4635, 32.2186,
57.1013

■ 25.4635, 32.2186,
57.1013

■ 23.7188, 30.1725,
56.7989

■ 27.6751, 34.5459,
57.4346

■ 22.3863, 28.3772,
56.5226

■ 30.3942, 37.1737,
57.7985

■ 21.3754, 26.7861,
56.2688

■ 33.6602, 40.1234,
58.1957

■ 21.3167, 26.6912,
56.2536

■ 37.5077, 43.4133,
58.6279

■ 41.9685, 47.0600,
59.0967

■ 47.0718, 51.0791,
59.6035

■ 52.8451, 55.4848,
60.1496

■ 59.3140, 60.2910,
60.7363

■ 66.5031, 65.5105,
61.3649

Harmonies

Analogous

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



23.3116, 32.2186, 43.9637



25.4635, 32.2186, 57.1013



29.1415, 32.2186, 64.8447

Triad

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



25.4635, 32.2186, 57.1013



39.7561, 32.2186, 39.5723



27.8401, 32.2186, 16.8210

Complementary

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



25.4635, 32.2186, 57.1013



27.2378, 19.3758, 6.5805

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.



32.1535, 32.2186, 16.1871



25.4635, 32.2186, 57.1013



39.3222, 32.2186, 27.4827

Square

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



25.4635, 32.2186, 57.1013



37.5699, 32.2186, 53.2304



36.4358, 32.2186, 19.6037



24.5897, 32.2186, 21.6111

Rectangle

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



25.4635, 32.2186, 57.1013



32.0868, 32.2186, 64.8939



36.4358, 32.2186, 19.6037



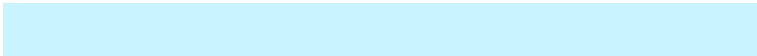
29.2041, 32.2186, 16.1677

Sweetspot

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



25.4646, 32.2198, 57.1021



74.3652, 83.9133, 106.8852



23.4273, 41.1705, 16.2678



15.4209, 17.5578, 22.8262



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.



25.4646, 32.2198, 57.1021



41.6930, 53.0052, 102.6413



16.2463, 13.7832, 54.0293



10.1740, 11.0393, 12.8794



13.7627, 17.2818, 36.1670



0.6424, 0.8423, 1.5786

Inverse Universe

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



31.2647, 17.7218, 37.8503



53.5402, 27.5827, 62.3780



35.7177, 36.3355, 9.4071



10.3991, 10.2083, 12.1922



18.3427, 9.0268, 20.2487



0.8167, 0.3997, 1.0019

Previews

White Background



This preview shows how the XYZ color 25.4635, 32.2186, 57.1013 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 25.4635, 32.2186, 57.1013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

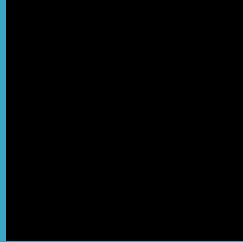
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4635, 32.2186, 57.1013

Background



This preview shows how black text looks on a background with the XYZ color 25.4635, 32.2186, 57.1013.

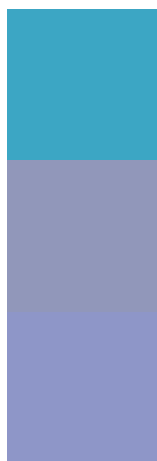


This preview shows how white text looks on a background with the XYZ color 25.4635, 32.2186,

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

25.4635, 32.2186, 57.1013

Protanopia

31.6066, 31.6981, 50.9069

Deuteranopia

32.4870, 31.7336, 59.0565



Tritanopia

23.8114, 32.0865, 49.1943

Trichromacy



Original Color

25.4635, 32.2186, 57.1013



Protanomaly

28.1222, 31.0720, 53.2305



Deuteranomaly

28.8794, 31.3452, 58.5610



Tritanomaly

24.3097, 32.0096, 51.9109

Monochromacy



Original Color

25.4635, 32.2186, 57.1013



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

23.2783, 26.9980, 36.7851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4635, 32.2186, 57.1013 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(60, 166, 196)` looks like.

```
.text, #text, p{  
    color:rgb(60, 166, 196)  
}
```

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(60, 166, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 166, 196) }
```

Border

The CSS property to change the border of an element to XYZ 25.4635, 32.2186, 57.1013 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(60, 166, 196) }
```


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

```
.border{ border-color:rgb(60, 166, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 166, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 166, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 166, 196);  
box-shadow:4px 4px 4px 4px rgb(60, 166,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4635, 32.2186, 57.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 166, 196) }
```

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

```
.background{ background-color: rgb(60, 166,  
196) }
```

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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