

Converting Colors

XYZ(25.5536, 35.4920, 48.5526)

Have a look what the booklet for
XYZ(25.5536, 35.4920, 48.5526)
contains.

XYZ(25.6477, 35.6094, 48.7015)	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(25.6477, 35.6094,
48.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	39B1B4
RGB	57, 177, 180
RGB Percent	22%, 69%, 71%
CMY	0.7764, 0.3059, 0.2941
CMYK	0.68, 0.02, 0.00, 0.29
HSL	181°, 52%, 46%
HSV	181°, 68%, 71%
XYZ	25.6477, 35.6094, 48.7015
YIQ	141.4620, -72.4830, -24.5070

Conversions

Conversions Part 2

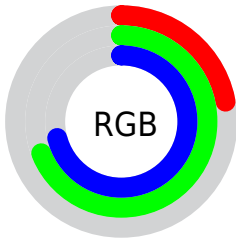
Format	Color
RYB	57, 118, 180
Decimal	3781044
CIELab	66.22, -31.30, -11.19
CIELCh	66, 33.238, 199.680
Yxy	35.6094, 0.2332, 0.3238
Android (android.graphics.Color)	4281971124 (0xFF39B1B4)
YUV	141.4620, 18.9992, -74.0732
Hunter-Lab	59.6736, -27.7096, -6.6169

Details

The XYZ color **25.6477, 35.6094, 48.7015** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.1776, 13.2313, 5.3096**, and the grayscale version is **25.4482, 26.7735, 29.1563**.

A 20% lighter version of the original color is **52.1644, 68.3989, 89.8098**, and **11.0384, 15.9476, 22.5751** is the 20% darker color. If you saturate the color by 10%, you get **24.7114, 34.9990, 48.6337**, and if you desaturate by 10%, it is **26.9501, 36.4105, 48.7881**.

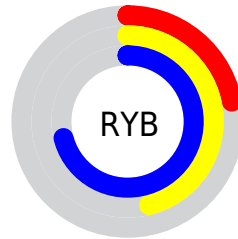
Distribution



Red (22%)

Green (69%)

Blue (71%)



Red (22%)

Yellow (46%)

Blue (71%)

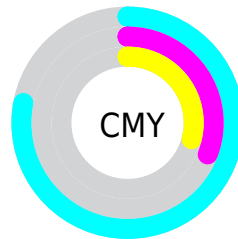


Cyan (68%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (78%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6477, 35.6094, 48.7015 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 25.6477, 35.6094, 48.7015 by changing the saturation by 10% instead.

■ 25.6477, 35.6094,
48.7015

■ 25.6477, 35.6094,
48.7015

273.3369,
327.2501, 398.1546

■ 16.6916, 24.1327,
34.0188

■ 52.1414, 68.4288,
89.6243

■ 10.1088, 15.4321,
22.6306

■ 70.4097, 90.5402,
116.7016

■ 5.5340, 9.1232,
14.1182

■ 92.5128, 116.9653,
148.7474

■ 2.6018, 4.8216,
8.0633

■ 118.8159,
148.0885, 186.1804

■ 0.9469, 2.1430,
4.0471

■ 149.6846,
184.2942, 229.4191

■ 0.0000, 0.6886,
1.6512

185.4840,

■ 0.0000, 0.0000,

225.9667, 278.8820

0.3270

226.5797,
273.4906, 334.9877

■ 0.0000, 0.0000,
0.0000

■ 25.6477, 35.6094,
48.7015

■ 25.6477, 35.6094,
48.7015

■ 24.7114, 34.9990,
48.6337

■ 26.9501, 36.4105,
48.7881

■ 24.0976, 34.5545,
48.5802

■ 28.6499, 37.4161,
48.8926

■ 23.7398, 34.2425,
48.5389

■ 30.7789, 38.6433,
49.0173

■ 23.6879, 34.1944,
48.5323

■ 33.3645, 40.1064,
49.1634

■ 36.4320, 41.8183,
49.3322

■ 40.0049, 43.7912,
49.5247

■ 44.1051, 46.0363,
49.7419

■ 48.7531, 48.5642,
49.9849

■ 53.9685, 51.3851,
50.2545

Harmonies

Analogous

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



25.3148, 35.6094, 34.0894



25.6477, 35.6094, 48.7015



28.0503, 35.6094, 63.5051

Triad

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



25.6477, 35.6094, 48.7015



41.6378, 35.6094, 59.2318



35.5804, 35.6094, 17.6547

Complementary

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



25.6477, 35.6094, 48.7015



21.1776, 13.2313, 5.3096

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.



40.3888, 35.6094, 21.4746



25.6477, 35.6094, 48.7015



44.1054, 35.6094, 43.8662

Square

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



25.6477, 35.6094, 48.7015



37.1550, 35.6094, 70.5382



43.6272, 35.6094, 30.2941



30.7389, 35.6094, 18.3453

Rectangle

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



25.6477, 35.6094, 48.7015



30.6454, 35.6094, 70.3833



43.6272, 35.6094, 30.2941



37.2614, 35.6094, 18.4085

Sweetspot

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



25.6488, 35.6107, 48.7024



64.8661, 75.1622, 89.3836



18.8002, 33.8294, 9.6844



13.6790, 16.0553, 19.3003



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.6488, 35.6107, 48.7024



44.1736, 63.0157, 88.1297



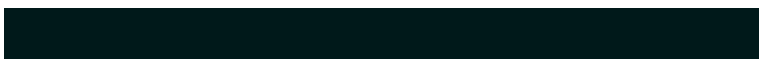
16.2240, 16.7613, 45.5608



8.7245, 9.5953, 10.8986



16.5400, 23.8803, 33.8746



0.5259, 0.7624, 1.0677

Inverse Universe

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



28.2222, 15.8049, 43.1595



49.2354, 24.9744, 77.0223



26.3447, 23.5656, 7.0320



8.8409, 8.6431, 10.6606



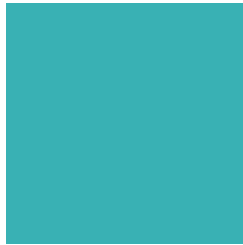
18.5833, 8.9509, 29.2951



0.5875, 0.2827, 0.9364

Previews

White Background



This preview shows how the XYZ color 25.6477, 35.6094, 48.7015 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 25.6477, 35.6094, 48.7015 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

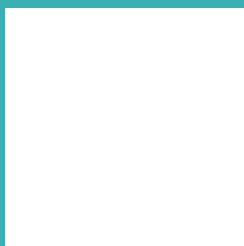
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6477, 35.6094, 48.7015

Background



This preview shows how black text looks on a background with the XYZ color 25.6477, 35.6094, 48.7015.

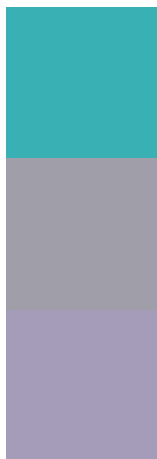


This preview shows how white text looks on a background with the XYZ color 25.6477, 35.6094,

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

25.6477, 35.6094, 48.7015

Protanopia

34.0568, 35.1344, 42.5228

Deuteranopia

35.9553, 35.1722, 50.7928



Tritanopia

26.6741, 35.4344, 54.1488

Trichromacy



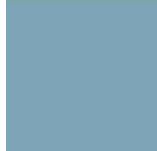
Original Color

25.6477, 35.6094, 48.7015



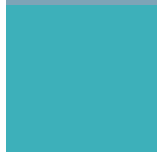
Protanomaly

29.3474, 34.5005, 44.6477



Deuteranomaly

30.2802, 34.3298, 49.8301



Tritanomaly

26.3127, 35.5879, 51.9367

Monochromacy



Original Color

25.6477, 35.6094, 48.7015



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

23.9024, 28.7928, 35.3081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6477, 35.6094, 48.7015 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(57, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(57, 177, 180)  
}
```

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(57, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 25.6477, 35.6094, 48.7015 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(57, 177, 180) }
```


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

```
.border{ border-color:rgb(57, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(57, 177,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6477, 35.6094, 48.7015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 177, 180) }
```

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

```
.background{ background-color: rgb(57, 177,  
180) }
```

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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