

Converting Colors

XYZ(25.6291, 31.7201, 45.8201)

Have a look what the booklet for
XYZ(25.6291, 31.7201, 45.8201)
contains.

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Color

**XYZ(25.6530, 31.7619,
45.8529)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA3B0
RGB	95, 163, 176
RGB Percent	37%, 64%, 69%
CMY	0.6274, 0.3608, 0.3098
CMYK	0.46, 0.07, 0.00, 0.31
HSL	190°, 34%, 53%
HSV	190°, 46%, 69%
XYZ	25.6530, 31.7619, 45.8529
YIQ	144.1500, -44.7010, -10.3730

Conversions

Conversions Part 2

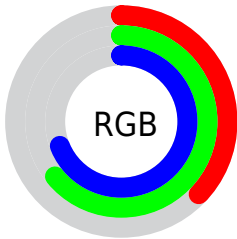
Format	Color
RYB	95, 132, 176
Decimal	6267824
CIELab	63.15, -18.02, -13.45
CIElCh	63, 22.488, 216.742
Yxy	31.7619, 0.2484, 0.3076
Android (android.graphics.Color)	4284457904 (0xFF5FA3B0)
YUV	144.1500, 15.7020, -43.1046
Hunter-Lab	56.3577, -17.3760, -8.7882

Details

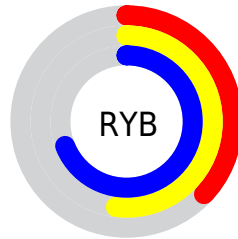
The XYZ color **25.6530, 31.7619, 45.8529** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3332, 20.7821, 13.5035**, and the grayscale version is **26.5221, 27.9034, 30.3868**.

A 20% lighter version of the original color is **52.2146, 62.4530, 85.6466**, and **10.1219, 13.2362, 21.0901** is the 20% darker color. If you saturate the color by 10%, you get **23.5316, 29.9328, 45.6122**, and if you desaturate by 10%, it is **28.2006, 33.8288, 46.1181**.

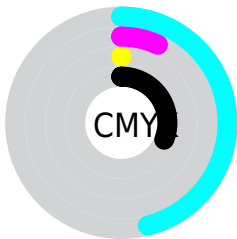
Distribution



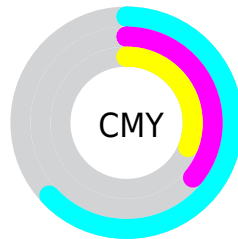
- Red (37%)
- Green (64%)
- Blue (69%)



- Red (37%)
- Yellow (52%)
- Blue (69%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



- Cyan (63%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6530, 31.7619, 45.8529 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 25.6530, 31.7619, 45.8529 by changing the saturation by 10% instead.

■ 25.6530, 31.7619,
45.8529

■ 25.6530, 31.7619,
45.8529

273.3625,
310.0332, 386.4773

■ 16.6955, 21.1797,
31.7819

■ 52.1499, 62.4376,
85.3308

■ 10.1116, 13.2554,
20.9316

■ 70.4201, 83.3000,
111.5748

■ 5.5359, 7.6047,
12.8832

■ 92.5252, 108.3578,
142.7135

■ 2.6029, 3.8430,
7.2184

■ 118.8307,
137.9955, 179.1655

■ 0.9474, 1.5862,
3.5185

149.7017,
172.5975, 221.3494

■ 0.0000, 0.3482,
1.3651

185.5039,

■ 0.0000, 0.0000,

212.5482, 269.6836

0.1143

226.6023,
258.2320, 324.5867

■ 0.0000, 0.0000,
0.0000

■ 25.6530, 31.7619,
45.8529

■ 25.6530, 31.7619,
45.8529

■ 23.5316, 29.9328,
45.6122

■ 28.2006, 33.8288,
46.1181

■ 21.8052, 28.3231,
45.3925

■ 31.1971, 36.1431,
46.4069

■ 20.4430, 26.9176,
45.1930

■ 34.6669, 38.7183,
46.7211

■ 19.4082, 25.6972,
45.0120

■ 38.6320, 41.5657,
47.0617

■ 18.6528, 24.6370,
44.8472

■ 43.1129, 44.6961,
47.4298

■ 18.3884, 24.2383,
44.7841

■ 48.1288, 48.1194,
47.8262

■ 53.6981, 51.8453,
48.2518

■ 59.8382, 55.8828,
48.7075

■ 66.5657, 60.2406,
49.1941

Harmonies

Analogous

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



24.6396, 31.7619, 36.6297



25.6530, 31.7619, 45.8529



27.8922, 31.7619, 52.7900

Triad

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



25.6530, 31.7619, 45.8529



36.0125, 31.7619, 41.7835



29.4932, 31.7619, 20.2311

Complementary

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



25.6530, 31.7619, 45.8529



25.3332, 20.7821, 13.5035

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.



32.6080, 31.7619, 21.1333



25.6530, 31.7619, 45.8529



36.5141, 31.7619, 32.6146

Square

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



25.6530, 31.7619, 45.8529



33.9028, 31.7619, 50.1733



35.2299, 31.7619, 25.3304



26.7563, 31.7619, 22.6120

Rectangle

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



25.6530, 31.7619, 45.8529



29.8507, 31.7619, 54.6160



35.2299, 31.7619, 25.3304



30.5293, 31.7619, 20.1678

Sweetspot

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



25.6540, 31.7631, 45.8536



64.0839, 71.1018, 84.8417



22.9072, 34.5490, 19.4135



13.5770, 15.1825, 18.3593



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.6540, 31.7631, 45.8536



42.6982, 54.3056, 82.7269



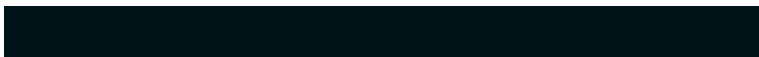
19.6831, 19.8213, 43.8633



8.6242, 9.3947, 10.8651



13.5274, 17.8551, 32.8704



0.4566, 0.6238, 1.0446

Inverse Universe

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



28.6084, 20.0598, 37.0158



48.8894, 31.1112, 63.9083



30.5059, 31.1273, 15.2277



8.7903, 8.6228, 10.3941



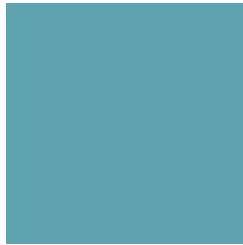
17.0626, 8.3426, 21.2877



0.5525, 0.2688, 0.7522

Previews

White Background



This preview shows how the XYZ color 25.6530, 31.7619, 45.8529 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 25.6530, 31.7619, 45.8529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

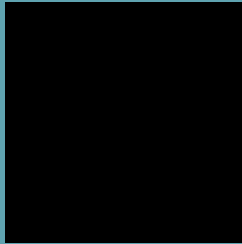
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6530, 31.7619, 45.8529

Background



This preview shows how black text looks on a background with the XYZ color 25.6530, 31.7619, 45.8529.



This preview shows how white text looks on a background with the XYZ color 25.6530, 31.7619,

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

25.6530, 31.7619, 45.8529

Protanopia

30.7122, 31.4444, 41.4965

Deuteranopia

32.2106, 31.6196, 47.0533



Tritanopia

25.6530, 31.7619, 45.8529

Trichromacy



Original Color

25.6530, 31.7619, 45.8529

Protanomaly

28.2780, 31.1288, 43.0461

Deuteranomaly

29.2643, 31.3121, 46.6209

Tritanomaly

25.6530, 31.7619, 45.8529

Monochromacy



Original Color

25.6530, 31.7619, 45.8529

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6715, 28.9691, 35.6911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6530, 31.7619, 45.8529 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, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(95, 163, 176)  
}
```

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, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 163, 176) }
```

Border

The CSS property to change the border of an element to XYZ 25.6530, 31.7619, 45.8529 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, 163, 176) }
```


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

```
.border{ border-color:rgb(95, 163, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(95, 163,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6530, 31.7619, 45.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 163, 176) }
```

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

```
.background{ background-color: rgb(95, 163,  
176) }
```

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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