

Converting Colors

XYZ(24.0232, 30.2451, 40.4424)

Have a look what the booklet for
XYZ(24.0232, 30.2451, 40.4424)
contains.

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Color

**XYZ(24.0698, 30.2745,
40.6513)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA0A6
RGB	94, 160, 166
RGB Percent	37%, 63%, 65%
CMY	0.6314, 0.3725, 0.3490
CMYK	0.43, 0.04, 0.00, 0.35
HSL	185°, 29%, 51%
HSV	185°, 43%, 65%
XYZ	24.0698, 30.2745, 40.6513
YIQ	140.9500, -41.2620, -12.1260

Conversions

Conversions Part 2

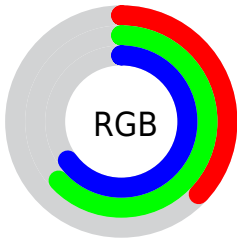
Format	Color
R _Y B	94, 128, 166
Decimal	6201510
CIE Lab	61.89, -19.40, -9.72
CIE LCh	62, 21.697, 206.612
Yxy	30.2745, 0.2534, 0.3187
Android (android.graphics.Color)	4284391590 (0xFF5EA0A6)
YUV	140.9500, 12.3497, -41.1751
Hunter-Lab	55.0223, -18.2031, -5.2888

Details

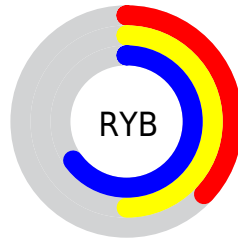
The XYZ color **24.0698, 30.2745, 40.6513** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3038, 18.0298, 12.8948**, and the grayscale version is **25.2633, 26.5790, 28.9445**.

A 20% lighter version of the original color is **49.5643, 60.1172, 77.3981**, and **9.2365, 12.3714, 17.8207** is the 20% darker color. If you saturate the color by 10%, you get **22.3091, 29.0136, 40.5012**, and if you desaturate by 10%, it is **26.2011, 31.7318, 40.8208**.

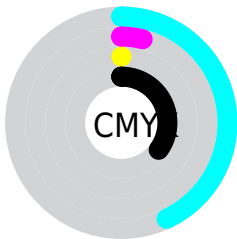
Distribution



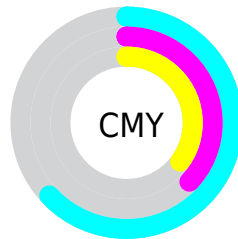
- Red (37%)
- Green (63%)
- Blue (65%)



- Red (37%)
- Yellow (50%)
- Blue (65%)



- Cyan (43%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0698, 30.2745, 40.6513 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 24.0698, 30.2745, 40.6513 by changing the saturation by 10% instead.

■ 24.0698, 30.2745,
40.6513

■ 24.0698, 30.2745,
40.6513

265.6071,
303.1819, 364.4945

■ 15.5104, 20.0470,
27.7291

■ 49.5979, 60.0960,
77.4022

■ 9.2670, 12.4292,
17.8843

■ 67.2974, 80.4589,
102.0679

■ 4.9743, 7.0367,
10.6984

■ 88.7742, 104.9689,
131.4852

■ 2.2668, 3.4851,
5.7528

■ 114.3939,
134.0107, 166.0727

■ 0.7776, 1.3899,
2.6290

144.5216,
167.9684, 206.2488

■ 0.0000, 0.2093,
0.9074

179.5228,

■ 0.0000, 0.0000,

207.2266, 252.4321

0.0000

219.7629,
252.1696, 305.0412

■ 24.0698, 30.2745,
40.6513

■ 24.0698, 30.2745,
40.6513

■ 22.3091, 29.0136,
40.5012

■ 26.2011, 31.7318,
40.8208

■ 20.8925, 27.9333,
40.3674

■ 28.7218, 33.3932,
41.0086

■ 19.7945, 27.0212,
40.2492

■ 31.6529, 35.2700,
41.2164

■ 18.9847, 26.2616,
40.1453

■ 35.0127, 37.3720,
41.4450

■ 18.4268, 25.6358,
40.0539

■ 38.8188, 39.7079,
41.6953

■ 18.1392, 25.2655,
39.9976

■ 43.0876, 42.2865,
41.9680

■ 47.8347, 45.1156,
42.2639

■ 53.0751, 48.2030,
42.5836

■ 58.8228, 51.5561,
42.9279

Harmonies

Analogous

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



23.5574, 30.2745, 32.0285



24.0698, 30.2745, 40.6513



25.8128, 30.2745, 48.1850

Triad

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



24.0698, 30.2745, 40.6513



33.6890, 30.2745, 42.5612



29.1060, 30.2745, 19.4483

Complementary

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



24.0698, 30.2745, 40.6513



22.3038, 18.0298, 12.8948

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.



31.9556, 30.2745, 21.3419



24.0698, 30.2745, 40.6513



34.7111, 30.2745, 33.9171

Square

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



24.0698, 30.2745, 40.6513



31.3471, 30.2745, 49.4114



34.0566, 30.2745, 26.3122



26.3476, 30.2745, 20.6430

Rectangle

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



24.0698, 30.2745, 40.6513



27.5025, 30.2745, 51.0781



34.0566, 30.2745, 26.3122



30.0862, 30.2745, 19.7355

Sweetspot

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



24.0707, 30.2757, 40.6520



57.5208, 64.0582, 74.8081



20.4955, 30.5497, 16.5714



12.6021, 14.1639, 16.7218



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.0707, 30.2757, 40.6520



40.6057, 52.7427, 73.5155



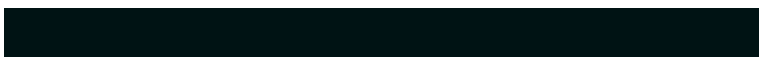
18.8586, 19.8514, 38.9146



7.6933, 8.4236, 9.6388



14.0823, 19.6249, 31.0212



0.3577, 0.5076, 0.7598

Inverse Universe

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



26.0745, 18.6511, 35.4848



44.8020, 29.1448, 62.5269



26.3829, 26.1880, 14.2545



7.8145, 7.6557, 9.3406



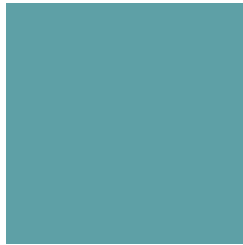
16.6087, 8.0522, 23.8148



0.4117, 0.1990, 0.6195

Previews

White Background



This preview shows how the XYZ color 24.0698, 30.2745, 40.6513 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 24.0698, 30.2745, 40.6513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

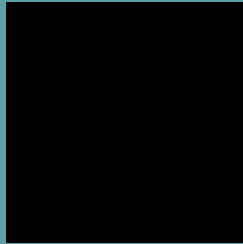
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.0698, 30.2745, 40.6513

Background



This preview shows how black text looks on a background with the XYZ color 24.0698, 30.2745, 40.6513.



This preview shows how white text looks on a background with the XYZ color 24.0698, 30.2745,

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

24.0698, 30.2745, 40.6513

Protanopia

29.1559, 30.0380, 36.6090

Deuteranopia

30.6133, 29.9854, 41.7104



Tritanopia

24.6684, 30.2616, 43.5706

Trichromacy



Original Color

24.0698, 30.2745, 40.6513

Protanomaly

26.7145, 29.6968, 38.0423

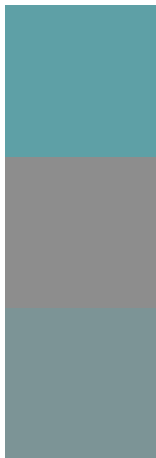
Deuteranomaly

27.4899, 29.5454, 41.2997

Tritanomaly

24.3732, 30.1314, 42.5616

Monochromacy



Original Color

24.0698, 30.2745, 40.6513

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.4071, 27.6669, 32.9080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0698, 30.2745, 40.6513 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(94, 160, 166)` looks like.

```
.text, #text, p{  
  color:rgb(94, 160, 166)  
}
```

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(94, 160, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 160, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.0698, 30.2745, 40.6513 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(94, 160, 166) }
```


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

```
.border{ border-color:rgb(94, 160, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 160, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 160, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 160, 166);  
box-shadow:4px 4px 4px 4px rgb(94, 160,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0698, 30.2745, 40.6513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 160, 166) }
```

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

```
.background{ background-color: rgb(94, 160,  
166) }
```

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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