

Converting Colors

XYZ(24.6615, 30.3891, 54.8786)

Have a look what the booklet for
XYZ(24.6615, 30.3891, 54.8786)
contains.

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Color

**XYZ(24.5803, 30.2208,
54.9898)**

Conversions

Conversions Part 1

Format	Color
Hex	44A0C1
RGB	68, 160, 193
RGB Percent	27%, 63%, 76%
CMY	0.7333, 0.3725, 0.2431
CMYK	0.65, 0.17, 0.00, 0.24
HSL	196°, 50%, 51%
HSV	196°, 65%, 76%
XYZ	24.5803, 30.2208, 54.9898
YIQ	136.2540, -65.4250, -9.2410

Conversions

Conversions Part 2

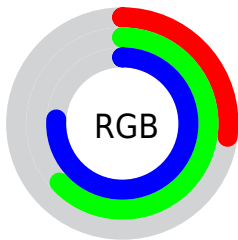
Format	Color
RYB	68, 121, 193
Decimal	4497601
CIELab	61.84, -16.98, -25.06
CIElCh	62, 30.268, 235.877
Yxy	30.2208, 0.2239, 0.2753
Android (android.graphics.Color)	4282687681 (0xFF44A0C1)
YUV	136.2540, 27.9758, -59.8588
Hunter-Lab	54.9734, -16.3908, -20.8262

Details

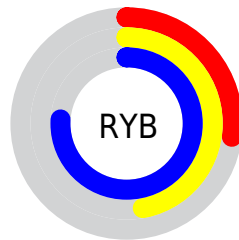
The XYZ color **24.5803, 30.2208, 54.9898** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **27.6903, 21.0633, 8.0760**, and the grayscale version is **23.4139, 24.6333, 26.8256**.

A 20% lighter version of the original color is **50.6090, 60.1701, 99.3891**, and **10.0228, 12.5892, 26.3278** is the 20% darker color. If you saturate the color by 10%, you get **22.5841, 27.9078, 54.6491**, and if you desaturate by 10%, it is **27.0576, 32.8368, 55.3647**.

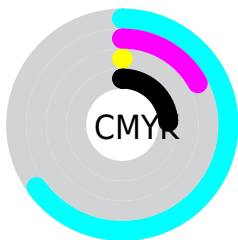
Distribution



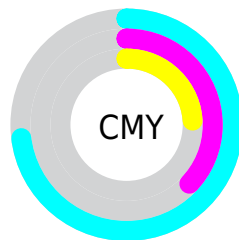
- Red (27%)
- Green (63%)
- Blue (76%)



- Red (27%)
- Yellow (47%)
- Blue (76%)



- Cyan (65%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



- Cyan (73%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5803, 30.2208, 54.9898 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 24.5803, 30.2208, 54.9898 by changing the saturation by 10% instead.

■ 24.5803, 30.2208,
54.9898

■ 24.5803, 30.2208,
54.9898

268.1277,
302.9323, 423.1541

■ 15.8917, 20.0062,
38.9950

■ 50.4233, 60.0112,
98.9970

■ 9.5379, 12.3996,
26.4480

■ 68.3085, 80.3558,
127.8465

■ 5.1536, 7.0164,
16.9304

■ 89.9899, 104.8459,
161.8180

■ 2.3733, 3.4724,
10.0234

■ 115.8328,
133.8659, 201.3300

■ 0.8318, 1.3830,
5.3087

■ 146.2027,
167.8001, 246.8011

■ 0.0000, 0.2042,
2.3676

181.4649,

■ 0.0000, 0.0000,

207.0330, 298.6498

0.7687

221.9848,
251.9489, 357.2946

■ 0.0000, 0.0000,
0.0000

■ 24.5803, 30.2208,
54.9898

■ 24.5803, 30.2208,
54.9898

■ 22.5841, 27.9078,
54.6491

■ 27.0576, 32.8368,
55.3647

■ 21.0204, 25.8702,
54.3383

■ 30.0528, 35.7736,
55.7737

■ 19.8344, 24.0798,
54.0552

■ 33.6023, 39.0510,
56.2193

■ 19.3060, 23.2108,
53.9153

■ 37.7380, 42.6863,
56.7030

■ 42.4896, 46.6953,
57.2264

■ 47.8847, 51.0928,
57.7908

■ 53.9488, 55.8925,
58.3976

■ 60.7065, 61.1077,
59.0481

■ 68.1808, 66.7508,
59.7434

Harmonies

Analogous

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



22.2823, 30.2208, 43.6094



24.5803, 30.2208, 54.9898



28.1687, 30.2208, 60.4792

Triad

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



24.5803, 30.2208, 54.9898



37.1957, 30.2208, 34.5319



25.4631, 30.2208, 16.6645

Complementary

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



24.5803, 30.2208, 54.9898



27.6903, 21.0633, 8.0760

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.



29.2864, 30.2208, 15.3207



24.5803, 30.2208, 54.9898



36.3009, 30.2208, 24.1140

Square

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



24.5803, 30.2208, 54.9898



35.6516, 30.2208, 47.0403



33.3090, 30.2208, 17.7022



22.7575, 30.2208, 21.9301

Rectangle

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



24.5803, 30.2208, 54.9898



30.9035, 30.2208, 59.2991



33.3090, 30.2208, 17.7022



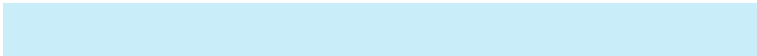
26.6494, 30.2208, 15.8012

Sweetspot

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



24.5813, 30.2219, 54.9905



72.1003, 80.2909, 102.0579



23.7189, 40.2753, 18.3922



14.9483, 16.7850, 21.8373



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.5813, 30.2219, 54.9905



39.1089, 48.2973, 97.6213



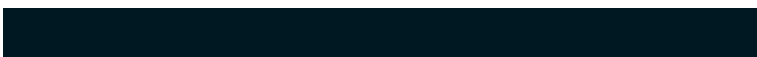
16.4961, 14.0515, 52.2955



10.1363, 10.9639, 12.8668



12.9087, 15.5739, 35.8823



0.6115, 0.7805, 1.5683

Inverse Universe

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



30.4055, 18.0107, 35.1327



50.9976, 27.1334, 56.2422



35.9129, 37.5085, 10.8169



10.3801, 10.2006, 12.0921



17.9117, 8.8544, 17.9789



0.8011, 0.3934, 0.9198

Previews

White Background



This preview shows how the XYZ color 24.5803, 30.2208, 54.9898 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 24.5803, 30.2208, 54.9898 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 24.5803, 30.2208, 54.9898

Background



This preview shows how black text looks on a background with the XYZ color 24.5803, 30.2208, 54.9898.

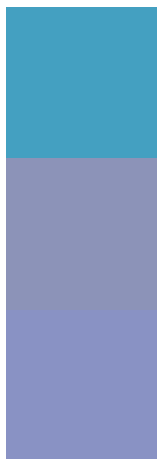


This preview shows how white text looks on a background with the XYZ color 24.5803, 30.2208,

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

24.5803, 30.2208, 54.9898

Protanopia

29.9007, 29.9036, 49.5434

Deuteranopia

30.5592, 29.8617, 56.3778



Tritanopia

22.7373, 30.2588, 45.7164

Trichromacy



Original Color

24.5803, 30.2208, 54.9898

Protanomaly

27.1373, 29.6217, 51.3010

Deuteranomaly

27.5990, 29.5181, 55.8727

Tritanomaly

23.3504, 30.2422, 48.8626

Monochromacy



Original Color

24.5803, 30.2208, 54.9898

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.7667, 26.0646, 35.7293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5803, 30.2208, 54.9898 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(68, 160, 193)` looks like.

```
.text, #text, p{  
    color:rgb(68, 160, 193)  
}
```

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(68, 160, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 160, 193) }
```

Border

The CSS property to change the border of an element to XYZ 24.5803, 30.2208, 54.9898 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(68, 160, 193) }
```


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

```
.border{ border-color:rgb(68, 160, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 160, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 160, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 160, 193);  
box-shadow:4px 4px 4px 4px rgb(68, 160,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5803, 30.2208, 54.9898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 160, 193) }
```

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

```
.background{ background-color: rgb(68, 160,  
193) }
```

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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