

Converting Colors

XYZ(24.4499, 35.2983, 34.8028)

Have a look what the booklet for
XYZ(24.4499, 35.2983, 34.8028)
contains.

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Color

**XYZ(24.4499, 35.2983,
34.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	4EB197
RGB	78, 177, 151
RGB Percent	31%, 69%, 59%
CMY	0.6941, 0.3059, 0.4078
CMYK	0.56, 0.00, 0.15, 0.31
HSL	164°, 39%, 50%
HSV	164°, 56%, 69%
XYZ	24.4499, 35.2983, 34.8028
YIQ	144.4350, -50.6580, -29.0740

Conversions

Conversions Part 2

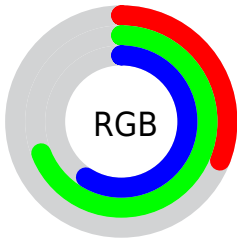
Format	Color
RYB	78, 135, 177
Decimal	5157271
CIELab	65.98, -35.37, 4.60
CIELCh	66, 35.669, 172.592
Yxy	35.2983, 0.2586, 0.3733
Android (android.graphics.Color)	4283347351 (0xFF4EB197)
YUV	144.4350, 3.2365, -58.2635
Hunter-Lab	59.4124, -30.5138, 6.8575

Details

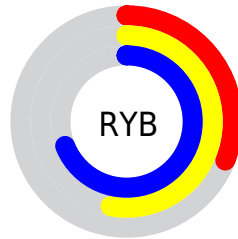
The XYZ color **24.4499, 35.2983, 34.8028** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **23.3557, 15.7962, 14.9159**, and the grayscale version is **26.6875, 28.0774, 30.5762**.

A 20% lighter version of the original color is **50.1500, 67.8365, 68.2082**, and **9.5079, 15.3354, 14.5155** is the 20% darker color. If you saturate the color by 10%, you get **22.8203, 34.5019, 32.7950**, and if you desaturate by 10%, it is **26.4866, 36.3047, 36.9090**.

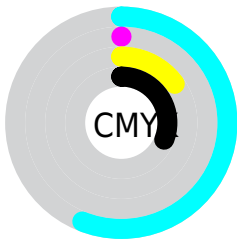
Distribution



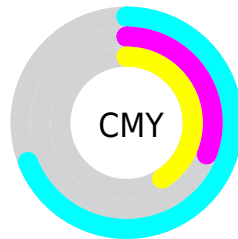
- Red (31%)
- Green (69%)
- Blue (59%)



- Red (31%)
- Yellow (53%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4499, 35.2983, 34.8028 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 24.4499, 35.2983, 34.8028 by changing the saturation by 10% instead.

■ 24.4499, 35.2983,
34.8028

■ 24.4499, 35.2983,
34.8028

267.4857,
325.8831, 338.5748

■ 15.7942, 23.8927,
23.2287

■ 50.2127, 67.9476,
68.3283

■ 9.4686, 15.2541,
14.5556

■ 68.0506, 89.9602,
91.1167

■ 5.1076, 8.9979,
8.3649

■ 89.6799, 116.2772,
118.4803

■ 2.3459, 4.7398,
4.2382

■ 115.4660,
147.2831, 150.8376

■ 0.8180, 2.0954,
1.7569

■ 145.7743,
183.3622, 188.6072

■ 0.0000, 0.6621,
0.3993

180.9701,

■ 0.0000, 0.0000,

224.8990, 232.2075

0.0000

221.4188,
272.2778, 282.0572

■ 24.4499, 35.2983,
34.8028

■ 24.4499, 35.2983,
34.8028

■ 22.8203, 34.5019,
32.7950

■ 26.4866, 36.3047,
36.9090

■ 21.5627, 33.8946,
30.8806

■ 28.9562, 37.5315,
39.1132

■ 20.6405, 33.4586,
29.0579

■ 31.8857, 38.9938,
41.4185

■ 20.0056, 33.1690,
27.3237

■ 35.2990, 40.7036,
43.8267

■ 19.7866, 33.0710,
26.6412

■ 39.2185, 42.6727,
46.3397

■ 43.6650, 44.9115,
48.9593

■ 48.6581, 47.4303,
51.6872

■ 54.2164, 50.2387,
54.5251

■ 60.3578, 53.3458,
57.4747

Harmonies

Analogous

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



26.1096, 35.2983, 23.3291



24.4499, 35.2983, 34.8028



25.0169, 35.2983, 50.7302

Triad

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



24.4499, 35.2983, 34.8028



37.6062, 35.2983, 72.0430



40.1082, 35.2983, 19.6449

Complementary

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



24.4499, 35.2983, 34.8028



23.3557, 15.7962, 14.9159

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.



43.8315, 35.2983, 28.3047



24.4499, 35.2983, 34.8028



42.2844, 35.2983, 58.9582

Square

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



24.4499, 35.2983, 34.8028



32.2569, 35.2983, 75.1105



44.6670, 35.2983, 42.3091



34.8771, 35.2983, 16.1983

Rectangle

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



24.4499, 35.2983, 34.8028



26.6125, 35.2983, 61.6800



44.6670, 35.2983, 42.3091



41.5991, 35.2983, 21.9138

Sweetspot

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



24.4509, 35.2997, 34.8036



62.3340, 72.4532, 77.8922



22.8538, 34.9628, 12.7523



13.2413, 15.5677, 16.6967



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.



24.4509, 35.2997, 34.8036



40.3151, 61.5205, 57.9594



22.6178, 27.8735, 45.7846



8.6455, 9.5927, 10.3926



14.3615, 23.9706, 19.4384



0.4743, 0.7632, 0.7296

Inverse Universe

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



23.3557, 15.7962, 14.9159



38.1985, 23.1366, 19.0121



24.1711, 19.2249, 9.6451



8.5850, 8.5407, 9.3128



13.5230, 6.9268, 2.6482



0.4500, 0.2278, 0.2126

Previews

White Background



This preview shows how the XYZ color 24.4499, 35.2983, 34.8028 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 24.4499, 35.2983, 34.8028 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 24.4499, 35.2983, 34.8028

Background



This preview shows how black text looks on a background with the XYZ color 24.4499, 35.2983, 34.8028.



This preview shows how white text looks on a background with the XYZ color 24.4499, 35.2983,

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

24.4499, 35.2983, 34.8028

Protanopia

32.9317, 34.8264, 30.1858

Deuteranopia

35.4608, 34.7416, 36.2893



Tritanopia

27.8319, 35.2239, 51.7864

Trichromacy



Original Color

24.4499, 35.2983, 34.8028



Protanomaly

28.5786, 34.3851, 31.9188



Deuteranomaly

29.5683, 33.7492, 35.5277



Tritanomaly

26.5166, 35.2677, 44.9449

Monochromacy



Original Color

24.4499, 35.2983, 34.8028



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

24.9007, 29.8766, 32.0581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4499, 35.2983, 34.8028 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(78, 177, 151)` looks like.

```
.text, #text, p{  
    color:rgb(78, 177, 151)  
}
```

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(78, 177, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 177, 151) }
```

Border

The CSS property to change the border of an element to XYZ 24.4499, 35.2983, 34.8028 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(78, 177, 151) }
```


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

```
.border{ border-color:rgb(78, 177, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 177, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 177, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 177, 151);  
box-shadow:4px 4px 4px 4px rgb(78, 177,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4499, 35.2983, 34.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 177, 151) }
```

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

```
.background{ background-color: rgb(78, 177,  
151) }
```

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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