

Converting Colors

XYZ(23.5619, 33.3917, 34.9092)

Have a look what the booklet for
XYZ(23.5619, 33.3917, 34.9092)
contains.

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Color

**XYZ(23.5619, 33.3917,
34.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	4EAC98
RGB	78, 172, 152
RGB Percent	31%, 67%, 60%
CMY	0.6941, 0.3255, 0.4039
CMYK	0.55, 0.00, 0.12, 0.33
HSL	167°, 38%, 49%
HSV	167°, 55%, 67%
XYZ	23.5619, 33.3917, 34.9092
YIQ	141.6140, -49.6040, -26.1480

Conversions

Conversions Part 2

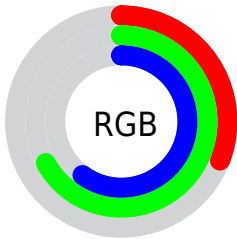
Format	Color
RYB	78, 131, 172
Decimal	5155992
CIELab	64.48, -32.79, 1.87
CIElCh	64, 32.841, 176.739
Yxy	33.3917, 0.2565, 0.3635
Android (android.graphics.Color)	4283346072 (0xFF4EAC98)
YUV	141.6140, 5.1203, -55.7895
Hunter-Lab	57.7856, -28.3418, 4.6318

Details

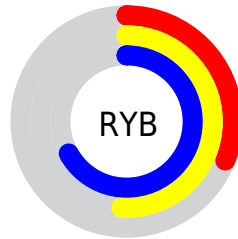
The XYZ color **23.5619, 33.3917, 34.9092** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.9434, 15.1022, 13.3150**, and the grayscale version is **25.5540, 26.8848, 29.2776**.

A 20% lighter version of the original color is **48.7155, 65.0114, 68.3734**, and **8.9833, 14.1526, 14.5702** is the 20% darker color. If you saturate the color by 10%, you get **22.0378, 32.6409, 33.2977**, and if you desaturate by 10%, it is **25.4657, 34.3388, 36.5882**.

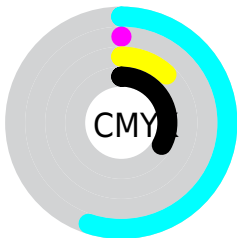
Distribution



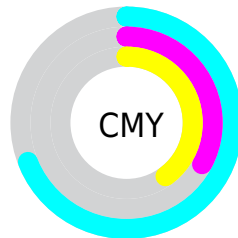
- Red (31%)
- Green (67%)
- Blue (60%)



- Red (31%)
- Yellow (51%)
- Blue (67%)



- Cyan (55%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5619, 33.3917, 34.9092 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 23.5619, 33.3917, 34.9092 by changing the saturation by 10% instead.

■ 23.5619, 33.3917,
34.9092

■ 23.5619, 33.3917,
34.9092

263.0798,
317.4111, 339.0594

■ 15.1319, 22.4267,
23.3099

■ 48.7742, 64.9866,
68.4951

■ 8.9989, 14.1708,
14.6151

■ 66.2873, 86.3852,
91.3187

■ 4.7976, 8.2395,
8.4061

■ 87.5588, 112.0306,
118.7210

■ 2.1625, 4.2486,
4.2644

■ 112.9540,
142.3070, 151.1203

■ 0.7229, 1.8136,
1.7715

■ 142.8384,
177.5988, 188.9353

■ 0.0000, 0.4956,
0.4090

177.5773,

■ 0.0000, 0.0000,

218.2905, 232.5844

0.0000

217.5359,
264.7665, 282.4863

■ 23.5619, 33.3917,
34.9092

■ 23.5619, 33.3917,
34.9092

■ 22.0378, 32.6409,
33.2977

■ 25.4657, 34.3388,
36.5882

■ 20.8611, 32.0674,
31.7496

■ 27.7726, 35.4918,
38.3341

■ 19.9988, 31.6548,
30.2637

■ 30.5076, 36.8644,
40.1491

■ 19.4096, 31.3820,
28.8375

■ 33.6926, 38.4679,
42.0348

■ 19.1547, 31.2668,
28.0965

■ 37.3481, 40.3128,
43.9924

■ 41.4935, 42.4092,
46.0233

■ 46.1467, 44.7662,
48.1287

■ 51.3250, 47.3928,
50.3099

■ 57.0448, 50.2974,
52.5679

Harmonies

Analogous

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



24.7811, 33.3917, 23.9574



23.5619, 33.3917, 34.9092



24.3489, 33.3917, 49.2545

Triad

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



23.5619, 33.3917, 34.9092



35.9689, 33.3917, 64.6305



36.9429, 33.3917, 18.7611

Complementary

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



23.5619, 33.3917, 34.9092



21.9434, 15.1022, 13.3150

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.



40.4881, 33.3917, 25.9353



23.5619, 33.3917, 34.9092



39.8880, 33.3917, 52.4344

Square

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



23.5619, 33.3917, 34.9092



31.2279, 33.3917, 68.7031



41.6151, 33.3917, 37.8461



32.2533, 33.3917, 16.1941

Rectangle

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



23.5619, 33.3917, 34.9092



25.9523, 33.3917, 58.5854



41.6151, 33.3917, 37.8461



38.3250, 33.3917, 20.6116

Sweetspot

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



23.5628, 33.3930, 34.9100



60.1180, 69.2783, 75.6858



21.2054, 32.6735, 12.3974



12.8079, 14.9262, 16.2998



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.5628, 33.3930, 34.9100



39.3803, 58.9204, 59.6827



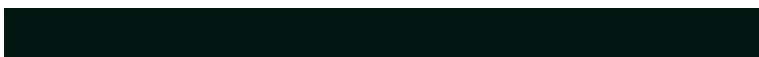
20.7708, 24.9625, 42.7546



8.1622, 9.0425, 9.8794



14.2743, 23.2750, 21.0162



0.4151, 0.6547, 0.6796

Inverse Universe

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



21.9434, 15.1022, 13.3150



36.1661, 22.1997, 16.5132



23.4038, 19.3504, 9.7099



8.0724, 8.0422, 8.6920



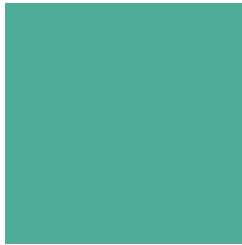
12.9215, 6.6312, 1.9663



0.3790, 0.1923, 0.1574

Previews

White Background



This preview shows how the XYZ color 23.5619, 33.3917, 34.9092 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 23.5619, 33.3917, 34.9092 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

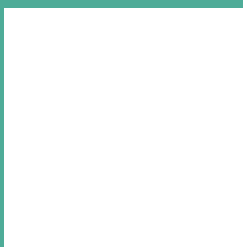
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5619, 33.3917, 34.9092

Background



This preview shows how black text looks on a background with the XYZ color 23.5619, 33.3917, 34.9092.

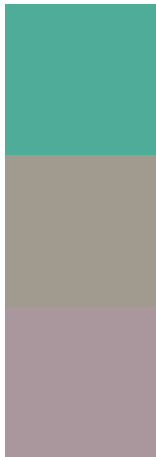


This preview shows how white text looks on a background with the XYZ color 23.5619, 33.3917,

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

23.5619, 33.3917, 34.9092

Protanopia

31.3772, 33.0029, 30.7030

Deuteranopia

33.5697, 32.7931, 36.4587



Tritanopia

26.3676, 33.4162, 48.7763

Trichromacy



Original Color

23.5619, 33.3917, 34.9092

Protanomaly

27.2932, 32.3904, 32.0076

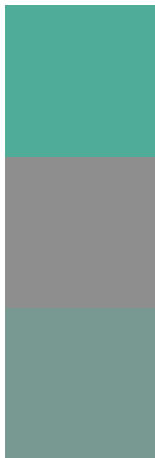
Deuteranomaly

28.4598, 32.1386, 35.7137

Tritanomaly

25.0998, 33.1630, 43.1084

Monochromacy



Original Color

23.5619, 33.3917, 34.9092

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.1873, 28.7797, 31.4744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5619, 33.3917, 34.9092 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, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(78, 172, 152)  
}
```

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, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 172, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.5619, 33.3917, 34.9092 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, 172, 152) }
```


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

```
.border{ border-color:rgb(78, 172, 152) }
```

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

Here you see how a box with a 4 pixel rgb(78, 172, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(78, 172,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5619, 33.3917, 34.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 172, 152) }
```

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

```
.background{ background-color: rgb(78, 172,  
152) }
```

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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