

Converting Colors

XYZ(17.9623, 25.1395, 32.1762)

Have a look what the booklet for
XYZ(17.9623, 25.1395, 32.1762)
contains.

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Color

**XYZ(17.9596, 25.0600,
32.3243)**

Conversions

Conversions Part 1

Format	Color
Hex	359795
RGB	53, 151, 149
RGB Percent	21%, 59%, 58%
CMY	0.7921, 0.4078, 0.4157
CMYK	0.65, 0.00, 0.01, 0.41
HSL	179°, 48%, 40%
HSV	179°, 65%, 59%
XYZ	17.9596, 25.0600, 32.3243
YIQ	121.4700, -57.7660, -21.3980

Conversions

Conversions Part 2

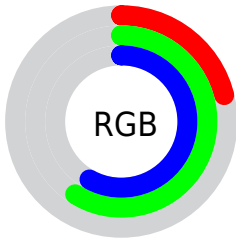
Format	Color
R_{YB}	53, 103, 151
Decimal	3512213
CIE _{Lab}	57.13, -28.32, -7.33
CIE _{LCh}	57, 29.248, 194.508
Yxy	25.0600, 0.2384, 0.3326
Android (android.graphics.Color)	4281702293 (0xFF359795)
YUV	121.4700, 13.5723, -60.0482
Hunter-Lab	50.0600, -23.5660, -3.2423

Details

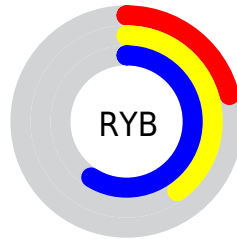
The XYZ color **17.9596, 25.0600, 32.3243** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.7260, 9.4021, 4.6538**, and the grayscale version is **18.2977, 19.2506, 20.9639**.

A 20% lighter version of the original color is **39.5329, 51.8992, 64.4338**, and **6.7618, 9.9962, 13.1283** is the 20% darker color. If you saturate the color by 10%, you get **17.2631, 24.7044, 32.1639**, and if you desaturate by 10%, it is **18.9078, 25.5465, 32.4979**.

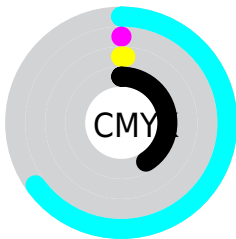
Distribution



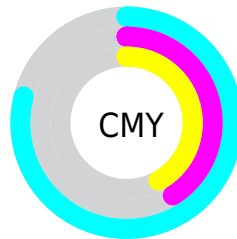
- Red (21%)
- Green (59%)
- Blue (58%)



- Red (21%)
- Yellow (40%)
- Blue (59%)



- Cyan (65%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (79%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9596, 25.0600, 32.3243 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 17.9596, 25.0600, 32.3243 by changing the saturation by 10% instead.

■ 17.9596, 25.0600,
32.3243

■ 17.9596, 25.0600,
32.3243

233.6932,
278.1366, 327.1320

■ 11.0205, 16.1218,
21.3425

■ 39.4991, 51.7545,
64.4229

■ 6.1480, 9.6104,
13.1809

■ 54.8302, 70.2796,
86.3768

■ 2.9768, 5.1414,
7.4210

■ 73.6893, 92.7691,
112.8251

■ 1.1415, 2.3305,
3.6444

■ 96.4419, 119.6075,
144.1864

■ 0.0594, 0.7898,
1.4323

■ 123.4532,
151.1790, 180.8792

■ 0.0000, 0.0000,
0.1668

155.0886,

■ 0.0000, 0.0000,

187.8681, 223.3221

0.0000

191.7135,
230.0591, 271.9335

■ 17.9596, 25.0600,
32.3243

■ 17.9596, 25.0600,
32.3243

■ 17.2631, 24.7044,
32.1639

■ 18.9078, 25.5465,
32.4979

■ 16.7917, 24.4641,
32.0138

■ 20.1267, 26.1720,
32.6840

■ 16.5147, 24.3242,
31.8732

■ 21.6361, 26.9473,
32.8840

■ 16.4059, 24.2695,
31.8031

■ 23.4533, 27.8812,
33.0988

■ 25.5942, 28.9821,
33.3291

■ 28.0738, 30.2574,
33.5755

■ 30.9058, 31.7145,
33.8388

■ 34.1035, 33.3601,
34.1195

■ 37.6794, 35.2006,
34.4183

Harmonies

Analogous

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



17.9840, 25.0600, 22.5221



17.9596, 25.0600, 32.3243



19.3966, 25.0600, 42.8778

Triad

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



17.9596, 25.0600, 32.3243



28.7751, 25.0600, 43.1905



25.6339, 25.0600, 12.7738

Complementary

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



17.9596, 25.0600, 32.3243



14.7260, 9.4021, 4.6538

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.



28.8666, 25.0600, 16.0228



17.9596, 25.0600, 32.3243



30.7960, 25.0600, 32.6785

Square

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



17.9596, 25.0600, 32.3243



25.5185, 25.0600, 50.1048



30.8310, 25.0600, 22.8006



22.1963, 25.0600, 12.7230

Rectangle

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



17.9596, 25.0600, 32.3243



21.0778, 25.0600, 48.2637



30.8310, 25.0600, 22.8006



26.7877, 25.0600, 13.4852

Sweetspot

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



17.9603, 25.0610, 32.3249



44.0427, 50.9801, 59.4980



13.3558, 23.2397, 7.1505



9.7824, 11.4699, 13.4984



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.9603, 25.0610, 32.3249



30.4740, 44.0160, 57.4721



12.1337, 13.1497, 31.1778



6.3791, 7.0244, 7.9199



13.9578, 20.6466, 27.0619



0.2101, 0.3093, 0.4124

Inverse Universe

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



14.7260, 9.4021, 4.6538



24.2267, 13.7247, 3.9907



17.8426, 15.7106, 5.4608



6.2137, 6.2246, 6.5052



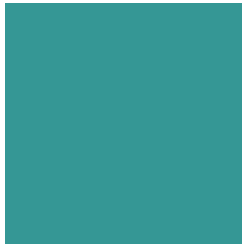
10.8731, 5.6035, 0.5907



0.1637, 0.0842, 0.0151

Previews

White Background



This preview shows how the XYZ color 17.9596, 25.0600, 32.3243 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9596, 25.0600, 32.3243 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 × Fail

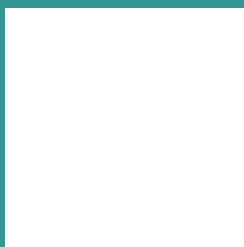
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9596, 25.0600, 32.3243

Background



This preview shows how black text looks on a background with the XYZ color 17.9596, 25.0600, 32.3243.

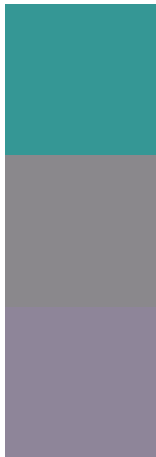


This preview shows how white text looks on a background with the XYZ color 17.9596, 25.0600,

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

17.9596, 25.0600, 32.3243

Protanopia

24.0190, 24.9050, 28.3522

Deuteranopia

25.2926, 24.8257, 33.5958



Tritanopia

18.9841, 24.9979, 37.5427

Trichromacy



Original Color

17.9596, 25.0600, 32.3243

Protanomaly

20.5462, 24.1587, 29.5668

Deuteranomaly

21.4760, 24.3382, 33.2716

Tritanomaly

18.6795, 25.1169, 35.7618

Monochromacy



Original Color

17.9596, 25.0600, 32.3243

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.1719, 20.6280, 24.5493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9596, 25.0600, 32.3243 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(53, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(53, 151, 149)  
}
```

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(53, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 151, 149) }
```

Border

The CSS property to change the border of an element to XYZ 17.9596, 25.0600, 32.3243 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(53, 151, 149) }
```


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

```
.border{ border-color:rgb(53, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(53, 151,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9596, 25.0600, 32.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 151, 149) }
```

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

```
.background{ background-color: rgb(53, 151,  
149) }
```

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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