

Converting Colors

XYZ(17.5111, 24.2088, 32.5328)

Have a look what the booklet for
XYZ(17.5111, 24.2088, 32.5328)
contains.

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Color

**XYZ(17.4602, 24.0856,
32.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	339496
RGB	51, 148, 150
RGB Percent	20%, 58%, 59%
CMY	0.8000, 0.4196, 0.4118
CMYK	0.66, 0.01, 0.00, 0.41
HSL	181°, 49%, 39%
HSV	181°, 66%, 59%
XYZ	17.4602, 24.0856, 32.5829
YIQ	119.2250, -58.4540, -19.9420

Conversions

Conversions Part 2

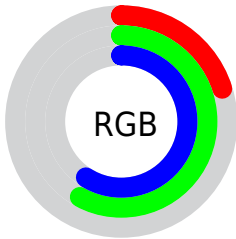
Format	Color
RYB	51, 100, 150
Decimal	3380374
CIELab	56.17, -26.86, -9.34
CIElCh	56, 28.437, 199.170
Yxy	24.0856, 0.2355, 0.3249
Android (android.graphics.Color)	4281570454 (0xFF339496)
YUV	119.2250, 15.1721, -59.8333
Hunter-Lab	49.0771, -22.3798, -5.0094

Details

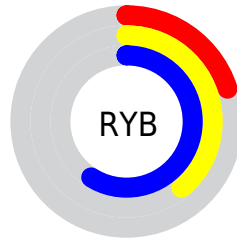
The XYZ color **17.4602, 24.0856, 32.5829** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.4489, 9.2699, 4.1605**, and the grayscale version is **17.5734, 18.4886, 20.1341**.

A 20% lighter version of the original color is **38.5752, 49.9802, 64.7408**, and **6.5268, 9.4502, 13.2845** is the 20% darker color. If you saturate the color by 10%, you get **16.7757, 23.6628, 32.5378**, and if you desaturate by 10%, it is **18.3902, 24.6362, 32.6406**.

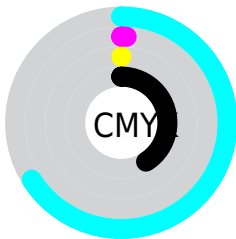
Distribution



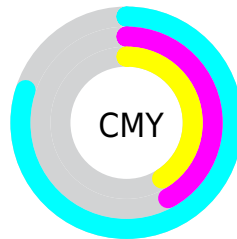
- Red (20%)
- Green (58%)
- Blue (59%)



- Red (20%)
- Yellow (39%)
- Blue (59%)



- Cyan (66%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (80%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4602, 24.0856, 32.5829 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 17.4602, 24.0856, 32.5829 by changing the saturation by 10% instead.

■ 17.4602, 24.0856,
32.5829

■ 17.4602, 24.0856,
32.5829

230.9155,
273.2530, 328.3402

■ 10.6605, 15.3971,
21.5386

■ 38.6527, 50.1699,
64.8323

■ 5.9046, 9.0986,
13.3232

■ 53.7761, 68.3344,
86.8744

■ 2.8273, 4.8055,
7.5182

■ 72.4049, 90.4265,
113.4196

■ 1.0631, 2.1336,
3.7049

■ 94.9043, 116.8304,
144.8864

■ 0.0000, 0.6834,
1.4649

■ 121.6397,
147.9307, 181.6934

■ 0.0000, 0.0000,
0.1916

152.9765,

■ 0.0000, 0.0000,

184.1116, 224.2589

0.0000

189.2800,
225.7575, 273.0017

■ 17.4602, 24.0856,
32.5829

■ 17.4602, 24.0856,
32.5829

■ 16.7757, 23.6628,
32.5378

■ 18.3902, 24.6362,
32.6406

■ 16.3100, 23.3525,
32.5025

■ 19.5846, 25.3227,
32.7102

■ 16.0286, 23.1373,
32.4758

■ 21.0631, 26.1559,
32.7931

■ 15.9345, 23.0608,
32.4660

■ 22.8428, 27.1446,
32.8901

■ 24.9397, 28.2969,
33.0020

■ 27.3684, 29.6205,
33.1295

■ 30.1427, 31.1225,
33.2731

■ 33.2757, 32.8095,
33.4336

■ 36.7796, 34.6879,
33.6115

Harmonies

Analogous

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



17.2637, 24.0856, 22.9898



17.4602, 24.0856, 32.5829



19.0285, 24.0856, 42.3168

Triad

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



17.4602, 24.0856, 32.5829



27.9788, 24.0856, 39.8241



24.0926, 24.0856, 12.2333

Complementary

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



17.4602, 24.0856, 32.5829



14.4489, 9.2699, 4.1605

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.



27.2474, 24.0856, 14.8380



17.4602, 24.0856, 32.5829



29.6287, 24.0856, 29.7506

Square

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



17.4602, 24.0856, 32.5829



25.0165, 24.0856, 47.1366



29.3490, 24.0856, 20.7534



20.8925, 24.0856, 12.6448

Rectangle

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



17.4602, 24.0856, 32.5829



20.7320, 24.0856, 46.8736



29.3490, 24.0856, 20.7534



25.1984, 24.0856, 12.7548

Sweetspot

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



17.4609, 24.0865, 32.5835



42.3142, 49.0062, 58.1502



12.9068, 22.7709, 7.0419



9.1720, 10.7475, 12.8759



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.4609, 24.0865, 32.5835



29.1849, 41.4859, 57.3906



11.3187, 11.8021, 30.5361



5.9542, 6.5423, 7.4187



13.2185, 19.1318, 26.9272



0.1644, 0.2393, 0.3304

Inverse Universe

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



19.1075, 10.9906, 29.1322



32.3513, 16.7567, 50.6515



17.9421, 16.2562, 5.3249



6.0303, 5.9072, 7.2658



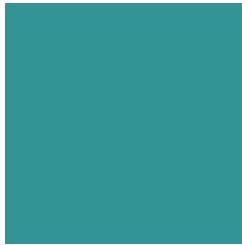
14.7992, 7.1247, 23.4872



0.1824, 0.0877, 0.2943

Previews

White Background



This preview shows how the XYZ color 17.4602, 24.0856, 32.5829 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 17.4602, 24.0856, 32.5829 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

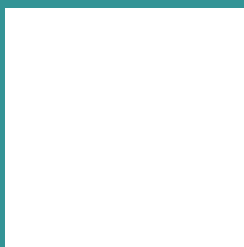
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4602, 24.0856, 32.5829

Background



This preview shows how black text looks on a background with the XYZ color 17.4602, 24.0856, 32.5829.

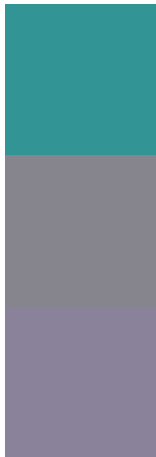


This preview shows how white text looks on a background with the XYZ color 17.4602, 24.0856,

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

17.4602, 24.0856, 32.5829

Protanopia

23.0268, 23.7665, 28.5731

Deuteranopia

24.1319, 23.6167, 33.8584



Tritanopia

18.2673, 24.1829, 36.5059

Trichromacy



Original Color

17.4602, 24.0856, 32.5829

Protanomaly

19.8314, 23.1336, 29.8056

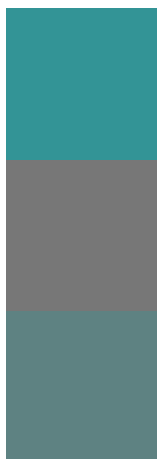
Deuteranomaly

20.6393, 23.2554, 33.5379

Tritanomaly

17.9558, 24.0520, 35.1486

Monochromacy



Original Color

17.4602, 24.0856, 32.5829

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.6280, 19.9567, 24.0947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4602, 24.0856, 32.5829 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(51, 148, 150)` looks like.

```
.text, #text, p{  
    color:rgb(51, 148, 150)  
}
```

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(51, 148, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 148, 150) }
```

Border

The CSS property to change the border of an element to XYZ 17.4602, 24.0856, 32.5829 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(51, 148, 150) }
```


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

```
.border{ border-color:rgb(51, 148, 150) }
```

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

Here you see how a box with a 4 pixel rgb(51, 148, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 148, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 148, 150);  
box-shadow:4px 4px 4px 4px rgb(51, 148,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4602, 24.0856, 32.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 148, 150) }
```

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

```
.background{ background-color: rgb(51, 148,  
150) }
```

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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