

Converting Colors

XYZ(18.3056, 25.0972, 32.9281)

Have a look what the booklet for
XYZ(18.3056, 25.0972, 32.9281)
contains.

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Color

**XYZ(18.2150, 24.9445,
32.7089)**

Conversions

Conversions Part 1

Format	Color
Hex	3B9696
RGB	59, 150, 150
RGB Percent	23%, 59%, 59%
CMY	0.7686, 0.4118, 0.4118
CMYK	0.61, 0.00, 0.00, 0.41
HSL	180°, 44%, 41%
HSV	180°, 61%, 59%
XYZ	18.2150, 24.9445, 32.7089
YIQ	122.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

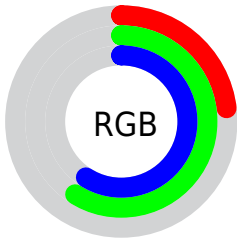
Format	Color
R_{YB}	59, 105, 150
Decimal	3905174
CIE _{Lab}	57.02, -26.48, -8.05
CIE _{LCh}	57, 27.673, 196.907
Yxy	24.9445, 0.2401, 0.3288
Android (android.graphics.Color)	4282095254 (0xFF3B9696)
YUV	122.7910, 13.4140, -55.9447
Hunter-Lab	49.9445, -22.3030, -3.8682

Details

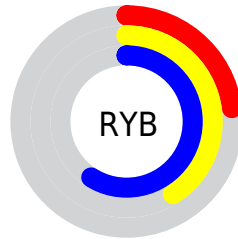
The XYZ color **18.2150, 24.9445, 32.7089** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.9319, 9.9285, 5.2679**, and the grayscale version is **18.7287, 19.7040, 21.4577**.

A 20% lighter version of the original color is **40.0665, 51.8042, 65.0142**, and **6.7140, 9.8245, 13.3468** is the 20% darker color. If you saturate the color by 10%, you get **17.4507, 24.5511, 32.6736**, and if you desaturate by 10%, it is **19.2363, 25.4715, 32.7573**.

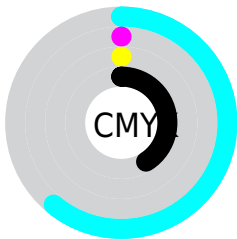
Distribution



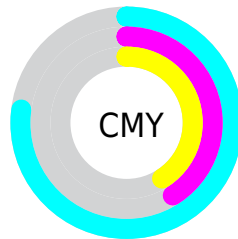
- Red (23%)
- Green (59%)
- Blue (59%)



- Red (23%)
- Yellow (41%)
- Blue (59%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (77%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2150, 24.9445, 32.7089 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 18.2150, 24.9445, 32.7089 by changing the saturation by 10% instead.

■ 18.2150, 24.9445,
32.7089

■ 18.2150, 24.9445,
32.7089

235.1023,
277.5614, 328.9277

■ 11.2051, 16.0357,
21.6342

■ 39.9306, 51.5672,
65.0315

■ 6.2733, 9.5494,
13.3927

■ 55.3669, 70.0498,
87.1166

■ 3.0542, 5.1013,
7.5656

■ 74.3428, 92.4926,
113.7089

■ 1.1825, 2.3068,
3.7345

■ 97.2235, 119.2798,
145.2270

■ 0.0925, 0.7773,
1.4809

■ 124.3745,
150.7959, 182.0893

■ 0.0000, 0.0000,
0.2036

156.1610,

■ 0.0000, 0.0000,

187.4253, 224.7146

0.0000

192.9485,
229.5523, 273.5212

■ 18.2150, 24.9445,
32.7089

■ 18.2150, 24.9445,
32.7089

■ 17.4507, 24.5511,
32.6736

■ 19.2363, 25.4715,
32.7573

■ 16.9186, 24.2768,
32.6486

■ 20.5322, 26.1396,
32.8181

■ 16.5929, 24.1089,
32.6333

■ 22.1214, 26.9589,
32.8926

■ 16.4118, 24.0155,
32.6247

■ 24.0204, 27.9379,
32.9815

■ 26.2444, 29.0844,
33.0857

■ 28.8075, 30.4057,
33.2057

■ 31.7231, 31.9087,
33.3423

■ 35.0039, 33.6001,
33.4959

■ 38.6619, 35.4858,
33.6672

Harmonies

Analogous

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



18.1248, 24.9445, 23.3020



18.2150, 24.9445, 32.7089



19.6882, 24.9445, 42.4503

Triad

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



18.2150, 24.9445, 32.7089



28.5751, 24.9445, 41.3250



25.1540, 24.9445, 13.1844

Complementary

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



18.2150, 24.9445, 32.7089



14.9319, 9.9285, 5.2679

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.



28.2430, 24.9445, 16.0688



18.2150, 24.9445, 32.7089



30.3364, 24.9445, 31.4227

Square

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



18.2150, 24.9445, 32.7089



25.5746, 24.9445, 48.1519



30.2096, 24.9445, 22.2776



21.9364, 24.9445, 13.3759

Rectangle

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



18.2150, 24.9445, 32.7089



21.3399, 24.9445, 47.1902



30.2096, 24.9445, 22.2776



26.2473, 24.9445, 13.7923

Sweetspot

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



18.2157, 24.9455, 32.7095



43.2438, 49.7430, 58.2431



13.5914, 23.1063, 7.8819



9.3658, 10.9115, 12.8973



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.



18.2157, 24.9455, 32.7095



30.3952, 43.1193, 57.6409



12.4652, 13.4443, 30.7932



5.9641, 6.5622, 7.4220



13.6111, 19.9172, 27.0573



0.1666, 0.2438, 0.3312

Inverse Universe

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



14.9319, 9.9285, 5.2679



24.0667, 14.1790, 4.7561



18.2166, 16.4980, 6.3626



5.8008, 5.8154, 6.0572



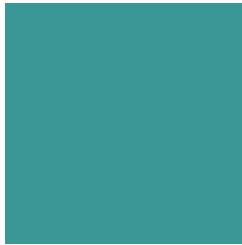
10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 18.2150, 24.9445, 32.7089 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 18.2150, 24.9445, 32.7089 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

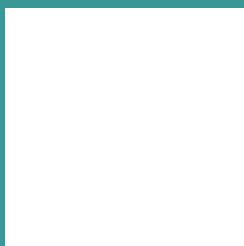
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2150, 24.9445, 32.7089

Background



This preview shows how black text looks on a background with the XYZ color 18.2150, 24.9445, 32.7089.

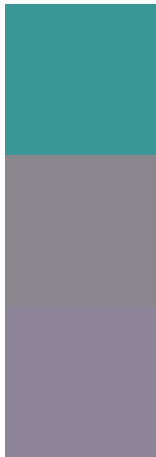


This preview shows how white text looks on a background with the XYZ color 18.2150, 24.9445,

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

18.2150, 24.9445, 32.7089

Protanopia

23.7882, 24.5694, 28.6879

Deuteranopia

25.0685, 24.4983, 33.9792



Tritanopia

19.0494, 24.8079, 37.0421

Trichromacy



Original Color

18.2150, 24.9445, 32.7089

Protanomaly

20.7188, 24.0210, 29.9301

Deuteranomaly

21.5379, 24.1447, 33.6622

Tritanomaly

18.7348, 24.9193, 35.2750

Monochromacy



Original Color

18.2150, 24.9445, 32.7089

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.8767, 21.1778, 25.3358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2150, 24.9445, 32.7089 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(59, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(59, 150, 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(59, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 18.2150, 24.9445, 32.7089 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(59, 150, 150) }
```


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

```
.border{ border-color:rgb(59, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(59, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2150, 24.9445, 32.7089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 150, 150) }
```

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

```
.background{ background-color: rgb(59, 150,  
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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