

Converting Colors

XYZ(18.4193, 25.6200, 32.6853)

Have a look what the booklet for
XYZ(18.4193, 25.6200, 32.6853)
contains.

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Color

**XYZ(18.3641, 25.4992,
32.8081)**

Conversions

Conversions Part 1

Format	Color
Hex	389896
RGB	56, 152, 150
RGB Percent	22%, 60%, 59%
CMY	0.7804, 0.4039, 0.4118
CMYK	0.63, 0.00, 0.01, 0.40
HSL	179°, 46%, 41%
HSV	179°, 63%, 60%
XYZ	18.3641, 25.4992, 32.8081
YIQ	123.0680, -56.5740, -20.9740

Conversions

Conversions Part 2

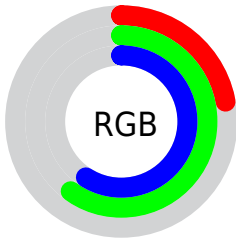
Format	Color
RYB	56, 105, 152
Decimal	3709078
CIELab	57.56, -28.01, -7.26
CIElCh	58, 28.933, 194.526
Yxy	25.4992, 0.2395, 0.3326
Android (android.graphics.Color)	4281899158 (0xFF389896)
YUV	123.0680, 13.2775, -58.8186
Hunter-Lab	50.4967, -23.4544, -3.1734

Details

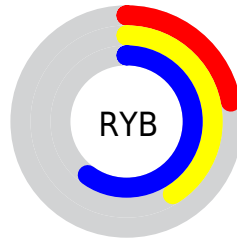
The XYZ color **18.3641, 25.4992, 32.8081** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.1276, 9.8099, 5.0999**, and the grayscale version is **18.8208, 19.8010, 21.5633**.

A 20% lighter version of the original color is **40.2821, 52.6301, 65.1623**, and **6.8093, 10.0152, 13.3786** is the 20% darker color. If you saturate the color by 10%, you get **17.6149, 25.1165, 32.6406**, and if you desaturate by 10%, it is **19.3729, 26.0169, 32.9893**.

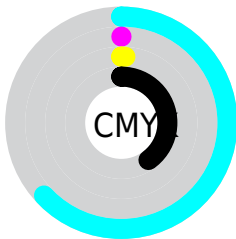
Distribution



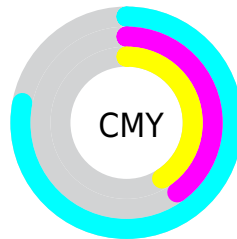
- Red (22%)
- Green (60%)
- Blue (59%)



- Red (22%)
- Yellow (41%)
- Blue (60%)



- Cyan (63%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3641, 25.4992, 32.8081 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 18.3641, 25.4992, 32.8081 by changing the saturation by 10% instead.

■ 18.3641, 25.4992,
32.8081

■ 18.3641, 25.4992,
32.8081

235.9215,
280.3149, 329.3896

■ 11.3130, 16.4494,
21.7096

■ 40.1820, 52.4659,
65.1884

■ 6.3466, 9.8427,
13.4474

■ 55.6795, 71.1516,
87.3072

■ 3.0996, 5.2948,
7.6030

■ 74.7232, 93.8180,
113.9365

■ 1.2067, 2.4212,
3.7579

■ 97.6784, 120.8496,
145.4949

■ 0.1116, 0.8368,
1.4935

■ 124.9104,
152.6306, 182.4008

■ 0.0000, 0.0000,
0.2131

156.7847,

■ 0.0000, 0.0000,

189.5456, 225.0729

0.0000

193.6666,
231.9789, 273.9296

■ 18.3641, 25.4992,
32.8081

■ 18.3641, 25.4992,
32.8081

■ 17.6149, 25.1165,
32.6406

■ 19.3729, 26.0169,
32.9893

■ 17.0988, 24.8534,
32.4837

■ 20.6601, 26.6775,
33.1833

■ 16.7877, 24.6959,
32.3369

■ 22.2455, 27.4918,
33.3916

■ 16.6402, 24.6219,
32.2396

■ 24.1464, 28.4688,
33.6150

■ 26.3788, 29.6167,
33.8544

■ 28.9577, 30.9431,
34.1103

■ 31.8970, 32.4554,
34.3834

■ 35.2100, 34.1603,
34.6744

■ 38.9093, 36.0643,
34.9838

Harmonies

Analogous

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



18.3877, 25.4992, 22.9968



18.3641, 25.4992, 32.8081



19.8071, 25.4992, 43.3341

Triad

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



18.3641, 25.4992, 32.8081



29.1928, 25.4992, 43.6341



26.0499, 25.4992, 13.1826

Complementary

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



18.3641, 25.4992, 32.8081



15.1276, 9.8099, 5.0999

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.



29.2809, 25.4992, 16.4576



18.3641, 25.4992, 32.8081



31.2094, 25.4992, 33.1489

Square

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



18.3641, 25.4992, 32.8081



25.9387, 25.4992, 50.5199



31.2431, 25.4992, 23.2659



22.6099, 25.4992, 13.1331

Rectangle

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



18.3641, 25.4992, 32.8081



21.4931, 25.4992, 48.6942



31.2431, 25.4992, 23.2659



27.2034, 25.4992, 13.9004

Sweetspot

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



18.3649, 25.5002, 32.8087



44.0408, 50.9794, 59.4884



13.7583, 23.6789, 7.5873



9.7819, 11.4697, 13.4960



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.



18.3649, 25.5002, 32.8087



30.6493, 44.1062, 57.4899



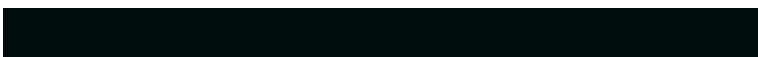
12.5777, 13.6658, 31.6816



6.3790, 7.0243, 7.9193



13.9535, 20.6448, 27.0392



0.2101, 0.3092, 0.4122

Inverse Universe

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



15.1276, 9.8099, 5.0999



24.4584, 14.0580, 4.4686



18.2979, 16.2304, 5.9103



6.2138, 6.2247, 6.5057



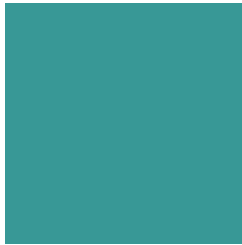
10.8734, 5.6036, 0.5925



0.1638, 0.0843, 0.0153

Previews

White Background



This preview shows how the XYZ color 18.3641, 25.4992, 32.8081 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 18.3641, 25.4992, 32.8081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

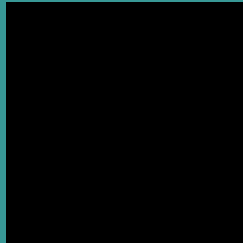
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.3641, 25.4992, 32.8081

Background



This preview shows how black text looks on a background with the XYZ color 18.3641, 25.4992, 32.8081.

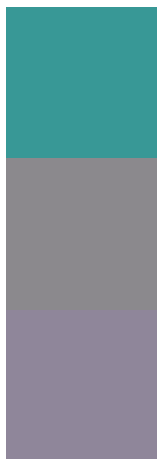


This preview shows how white text looks on a background with the XYZ color 18.3641, 25.4992,

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

18.3641, 25.4992, 32.8081

Protanopia

24.4008, 25.3034, 28.7973

Deuteranopia

25.6855, 25.2229, 34.0866



Tritanopia

19.4145, 25.4455, 38.0706

Trichromacy



Original Color

18.3641, 25.4992, 32.8081

Protanomaly

21.0137, 24.6108, 30.0284

Deuteranomaly

21.8302, 24.7292, 33.7596

Tritanomaly

19.1016, 25.5625, 36.2750

Monochromacy



Original Color

18.3641, 25.4992, 32.8081

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.9043, 21.3963, 25.3765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3641, 25.4992, 32.8081 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(56, 152, 150)` looks like.

```
.text, #text, p{  
    color:rgb(56, 152, 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(56, 152, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 152, 150) }
```

Border

The CSS property to change the border of an element to XYZ 18.3641, 25.4992, 32.8081 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(56, 152, 150) }
```


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

```
.border{ border-color:rgb(56, 152, 150) }
```

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

Here you see how a box with a 4 pixel rgb(56, 152, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 152, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 152, 150);  
box-shadow:4px 4px 4px 4px rgb(56, 152,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3641, 25.4992, 32.8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 152, 150) }
```

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

```
.background{ background-color: rgb(56, 152,  
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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