

Converting Colors

XYZ(16.7839, 25.3365, 23.1807)

Have a look what the booklet for
XYZ(16.7839, 25.3365, 23.1807)
contains.

XYZ(16.7692, 25.3787, 23.0835)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.7692, 25.3787,
23.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	379A7C
RGB	55, 154, 124
RGB Percent	22%, 60%, 49%
CMY	0.7843, 0.3961, 0.5137
CMYK	0.64, 0.00, 0.19, 0.40
HSL	162°, 47%, 41%
HSV	162°, 64%, 60%
XYZ	16.7692, 25.3787, 23.0835
YIQ	120.9790, -49.3740, -30.3180

Conversions

Conversions Part 2

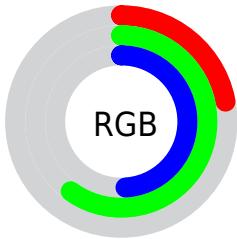
Format	Color
R_{YB}	55, 113, 154
Decimal	3644028
CIE _{Lab}	57.44, -36.13, 7.37
CIE _{LCh}	57, 36.874, 168.471
Yxy	25.3787, 0.2571, 0.3891
Android (android.graphics.Color)	4281834108 (0xFF379A7C)
YUV	120.9790, 1.4894, -57.8636
Hunter-Lab	50.3773, -28.7425, 8.0967

Details

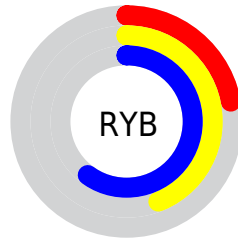
The XYZ color **16.7692, 25.3787, 23.0835** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **16.3331, 10.2588, 9.7144**, and the grayscale version is **18.1745, 19.1210, 20.8228**.

A 20% lighter version of the original color is **37.5463, 52.2860, 49.7083**, and **6.0214, 10.0107, 8.2715** is the 20% darker color. If you saturate the color by 10%, you get **15.7656, 24.8953, 21.5325**, and if you desaturate by 10%, it is **18.0514, 26.0054, 24.7216**.

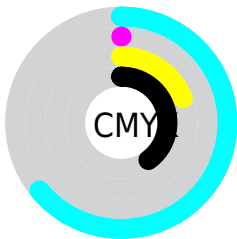
Distribution



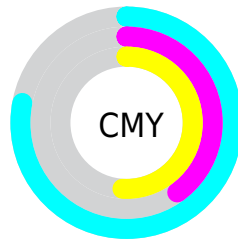
- Red (22%)
- Green (60%)
- Blue (49%)



- Red (22%)
- Yellow (44%)
- Blue (60%)



- Cyan (64%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7692, 25.3787, 23.0835 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 16.7692, 25.3787, 23.0835 by changing the saturation by 10% instead.

■ 16.7692, 25.3787,
23.0835

■ 16.7692, 25.3787,
23.0835

227.0211,
279.7187, 281.2894

■ 10.1644, 16.3594,
14.4493

■ 37.4753, 52.2709,
49.4553

■ 5.5712, 9.7788,
8.2915

■ 52.3072, 70.9127,
68.0300

■ 2.6243, 5.2526,
4.1916

■ 70.6123, 93.5307,
90.7553

■ 0.9583, 2.3962,
1.7310

■ 92.7557, 120.5093,
118.0497

■ 0.0000, 0.8239,
0.3819

■ 119.1030,
152.2331, 150.3318

■ 0.0000, 0.0000,
0.0000

150.0194,

189.0863, 188.0201

185.8703,
231.4534, 231.5331

■ 16.7692, 25.3787,
23.0835

■ 16.7692, 25.3787,
23.0835

■ 15.7656, 24.8953,
21.5325

■ 18.0514, 26.0054,
24.7216

■ 15.0130, 24.5390,
20.0647

■ 19.6325, 26.7840,
26.4470

■ 14.4807, 24.2947,
18.6781

■ 21.5332, 27.7256,
28.2622

■ 14.2275, 24.1807,
17.9195

■ 23.7719, 28.8398,
30.1691

■ 26.3652, 30.1351,
32.1693

■ 29.3290, 31.6197,
34.2645

■ 32.6779, 33.3011,
36.4562

■ 36.4259, 35.1864,
38.7460

■ 40.5861, 37.2826,
41.1354

Harmonies

Analogous

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



18.3456, 25.3787, 14.5189



16.7692, 25.3787, 23.0835



16.9774, 25.3787, 36.0089

Triad

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



16.7692, 25.3787, 23.0835



26.8921, 25.3787, 57.4373



30.1531, 25.3787, 13.2142

Complementary

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



16.7692, 25.3787, 23.0835



16.3331, 10.2588, 9.7144

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.



33.0327, 25.3787, 20.6686



16.7692, 25.3787, 23.0835



30.9984, 25.3787, 46.9277

Square

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



16.7692, 25.3787, 23.0835



22.4759, 25.3787, 58.6783



33.3595, 25.3787, 32.7443



25.8460, 25.3787, 10.0865

Rectangle

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



16.7692, 25.3787, 23.0835



18.1057, 25.3787, 45.5369



33.3595, 25.3787, 32.7443



31.3414, 25.3787, 15.1711

Sweetspot

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



16.7699, 25.3797, 23.0841



45.4097, 53.4996, 56.5629



16.1160, 25.3832, 7.6647



9.9983, 11.9696, 12.5838



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.7699, 25.3797, 23.0841



28.0032, 44.9199, 37.9601



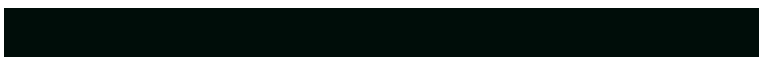
16.1921, 20.7123, 33.7176



6.3048, 6.9946, 7.5285



11.6074, 19.7064, 14.6849



0.1894, 0.3010, 0.3033

Inverse Universe

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



16.3331, 10.2588, 9.7144



27.1895, 15.2565, 11.9470



16.4092, 11.9313, 5.0528



6.2820, 6.2520, 6.8652



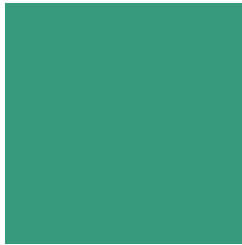
11.2844, 5.7680, 2.7565



0.1835, 0.0921, 0.1191

Previews

White Background



This preview shows how the XYZ color 16.7692, 25.3787, 23.0835 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 16.7692, 25.3787, 23.0835 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 16.7692, 25.3787, 23.0835

Background



This preview shows how black text looks on a background with the XYZ color 16.7692, 25.3787, 23.0835.

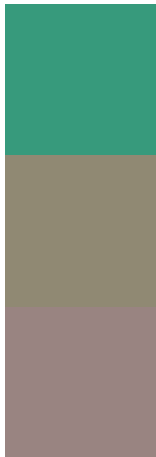


This preview shows how white text looks on a background with the XYZ color 16.7692, 25.3787,

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

16.7692, 25.3787, 23.0835

Protanopia

23.5418, 25.0584, 19.8156

Deuteranopia

25.3506, 24.8598, 24.2312



Tritanopia

19.7063, 25.3702, 37.5765

Trichromacy



Original Color

16.7692, 25.3787, 23.0835

Protanomaly

19.7746, 24.3977, 20.8065

Deuteranomaly

20.5450, 24.0704, 23.6419

Tritanomaly

18.5919, 25.3952, 31.9388

Monochromacy



Original Color

16.7692, 25.3787, 23.0835

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.8301, 20.7216, 21.5250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7692, 25.3787, 23.0835 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(55, 154, 124)` looks like.

```
.text, #text, p{  
    color:rgb(55, 154, 124)  
}
```

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(55, 154, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 154, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.7692, 25.3787, 23.0835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

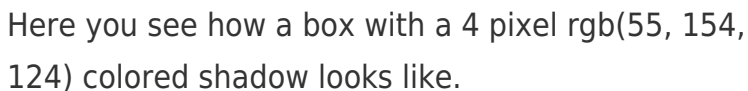
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(55, 154, 124) }
```


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

```
.border{ border-color:rgb(55, 154, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(55, 154, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 154, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 154, 124);  
box-shadow:4px 4px 4px 4px rgb(55, 154,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7692, 25.3787, 23.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 154, 124) }
```

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

```
.background{ background-color: rgb(55, 154,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor