

Converting Colors

XYZ(16.2110, 21.7048, 20.8570)

Have a look what the booklet for
XYZ(16.2110, 21.7048, 20.8570)
contains.

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Color

**XYZ(16.2185, 21.6820,
20.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	548B77
RGB	84, 139, 119
RGB Percent	33%, 55%, 47%
CMY	0.6706, 0.4549, 0.5333
CMYK	0.40, 0.00, 0.14, 0.45
HSL	158°, 25%, 44%
HSV	158°, 40%, 55%
XYZ	16.2185, 21.6820, 20.7830
YIQ	120.2750, -26.3600, -17.8800

Conversions

Conversions Part 2

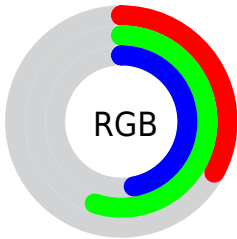
Format	Color
R_{YB}	84, 118, 139
Decimal	5540727
CIE _{Lab}	53.69, -23.05, 5.00
CIE _{LCh}	54, 23.586, 167.767
Yxy	21.6820, 0.2764, 0.3695
Android (android.graphics.Color)	4283730807 (0xFF548B77)
YUV	120.2750, -0.6286, -31.8132
Hunter-Lab	46.5639, -19.3143, 6.1317

Details

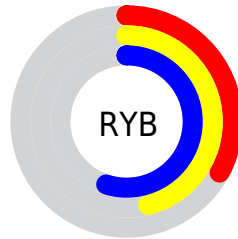
The XYZ color **16.2185, 21.6820, 20.7830** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3171, 12.8295, 14.7137**, and the grayscale version is **17.9491, 18.8838, 20.5645**.

A 20% lighter version of the original color is **36.5740, 46.3144, 45.5400**, and **5.3369, 7.9230, 7.2092** is the 20% darker color. If you saturate the color by 10%, you get **14.8003, 20.9856, 19.1741**, and if you desaturate by 10%, it is **17.9010, 22.5139, 22.4895**.

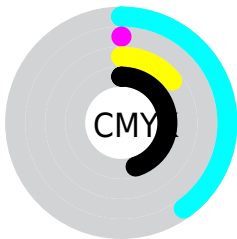
Distribution



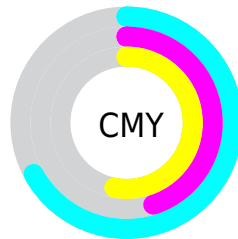
- Red (33%)
- Green (55%)
- Blue (47%)



- Red (33%)
- Yellow (46%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (67%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2185, 21.6820, 20.7830 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 16.2185, 21.6820, 20.7830 by changing the saturation by 10% instead.

■ 16.2185, 21.6820,
20.7830

■ 16.2185, 21.6820,
20.7830

223.8727,
260.8811, 268.8661

■ 9.7707, 13.6234,
12.7758

■ 36.5315, 46.2198,
45.6022

■ 5.3083, 7.8592,
7.1454

■ 51.1275, 63.4679,
63.2513

■ 2.4659, 4.0050,
3.4734

■ 69.1702, 84.5479,
84.9513

■ 0.8781, 1.6764,
1.3411

■ 91.0250, 109.8443,
111.1210

■ 0.0000, 0.4083,
0.0952

■ 117.0573,
139.7414, 142.1787

■ 0.0000, 0.0000,
0.0000

147.6325,

174.6236, 178.5432

183.1158,
214.8754, 220.6327

■ 16.2185, 21.6820,
20.7830

■ 16.2185, 21.6820,
20.7830

■ 14.8003, 20.9856,
19.1741

■ 17.9010, 22.5139,
22.4895

■ 13.6296, 20.4144,
17.6594

■ 19.8597, 23.4857,
24.2940

■ 12.6906, 19.9608,
16.2371

■ 22.1079, 24.6049,
26.1990

■ 11.9646, 19.6153,
14.9052

■ 24.6576, 25.8776,
28.2060

■ 11.4301, 19.3668,
13.6612

■ 27.5200, 27.3094,
30.3169

■ 11.0300, 19.1857,
12.5009

■ 30.7058, 28.9060,
32.5334

■ 11.0134, 19.1782,
12.4527

■ 34.2251, 30.6724,
34.8570

■ 38.0875, 32.6138,
37.2893

■ 42.3025, 34.7347,
39.8318

Harmonies

Analogous

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



17.2186, 21.6820, 15.4419



16.2185, 21.6820, 20.7830



16.3221, 21.6820, 28.1098

Triad

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



16.2185, 21.6820, 20.7830



22.1253, 21.6820, 39.4774



24.0463, 21.6820, 14.7376

Complementary

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



16.2185, 21.6820, 20.7830



16.3171, 12.8295, 14.7137

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.



25.5854, 21.6820, 19.6145



16.2185, 21.6820, 20.7830



24.4156, 21.6820, 34.2402

Square

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



16.2185, 21.6820, 20.7830



19.5965, 21.6820, 39.9689



25.7258, 21.6820, 26.6781



21.6539, 21.6820, 12.4606

Rectangle

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



16.2185, 21.6820, 20.7830



17.0038, 21.6820, 33.1879



25.7258, 21.6820, 26.6781



24.6888, 21.6820, 16.0757

Sweetspot

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



16.2191, 21.6829, 20.7835



38.4537, 43.4951, 45.9796



16.5618, 22.0593, 11.7726



8.7554, 9.9699, 10.5068



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.2191, 21.6829, 20.7835



26.8668, 37.7579, 34.7706



16.5231, 20.1620, 27.4480



5.0969, 5.6583, 6.0315



9.9480, 17.3118, 11.2828



0.0731, 0.1178, 0.1121

Inverse Universe

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



16.3171, 12.8295, 14.7137



27.0710, 19.7173, 22.4239



16.0179, 13.6688, 10.1817



5.1032, 5.0767, 5.6317



10.1479, 5.1693, 3.2831



0.0740, 0.0370, 0.0565

Previews

White Background



This preview shows how the XYZ color 16.2185, 21.6820, 20.7830 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 16.2185, 21.6820, 20.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

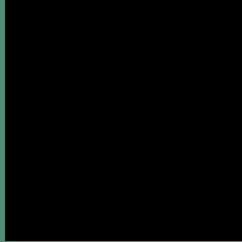
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.2185, 21.6820, 20.7830

Background



This preview shows how black text looks on a background with the XYZ color 16.2185, 21.6820, 20.7830.



This preview shows how white text looks on a background with the XYZ color 16.2185, 21.6820,

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

16.2185, 21.6820, 20.7830

Protanopia

20.2429, 21.3575, 18.6783

Deuteranopia

21.7511, 21.3218, 21.3815



Tritanopia

18.1667, 21.6274, 30.4112

Trichromacy



Original Color

16.2185, 21.6820, 20.7830

Protanomaly

18.2810, 21.1152, 19.3318

Deuteranomaly

19.1866, 21.1459, 21.1595

Tritanomaly

17.2726, 21.4606, 26.5245

Monochromacy



Original Color

16.2185, 21.6820, 20.7830

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.0429, 19.6606, 20.6659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2185, 21.6820, 20.7830 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(84, 139, 119)` looks like.

```
.text, #text, p{  
    color:rgb(84, 139, 119)  
}
```

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(84, 139, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 139, 119) }
```

Border

The CSS property to change the border of an element to XYZ 16.2185, 21.6820, 20.7830 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(84, 139, 119) }
```


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

```
.border{ border-color:rgb(84, 139, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 139, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 139, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 139, 119);  
box-shadow:4px 4px 4px 4px rgb(84, 139,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2185, 21.6820, 20.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 139, 119) }
```

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

```
.background{ background-color: rgb(84, 139,  
119) }
```

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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