

Converting Colors

XYZ(16.6932, 20.9150, 21.9522)

Have a look what the booklet for
XYZ(16.6932, 20.9150, 21.9522)
contains.

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Color

**XYZ(16.6144, 20.8074,
21.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	5D867B
RGB	93, 134, 123
RGB Percent	36%, 53%, 48%
CMY	0.6353, 0.4745, 0.5176
CMYK	0.31, 0.00, 0.08, 0.47
HSL	164°, 18%, 45%
HSV	164°, 31%, 53%
XYZ	16.6144, 20.8074, 21.8794
YIQ	120.4870, -20.9050, -12.1130

Conversions

Conversions Part 2

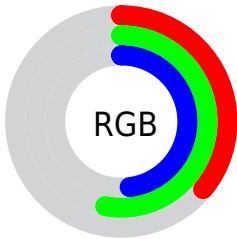
Format	Color
R_{YB}	93, 117, 134
Decimal	6129275
CIE _{Lab}	52.74, -16.72, 1.37
CIE _{LCh}	53, 16.774, 175.317
Yxy	20.8074, 0.2802, 0.3509
Android (android.graphics.Color)	4284319355 (0xFF5D867B)
YUV	120.4870, 1.2389, -24.1061
Hunter-Lab	45.6151, -14.8114, 3.4920

Details

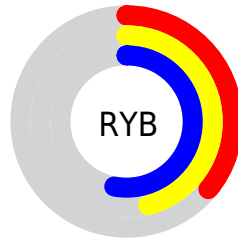
The XYZ color **16.6144, 20.8074, 21.8794** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.2452, 13.8970, 14.9236**, and the grayscale version is **18.0101, 18.9480, 20.6344**.

A 20% lighter version of the original color is **37.1852, 44.6555, 47.2170**, and **5.4885, 7.3929, 7.6163** is the 20% darker color. If you saturate the color by 10%, you get **15.1543, 20.0808, 20.6579**, and if you desaturate by 10%, it is **18.3217, 21.6616, 23.1565**.

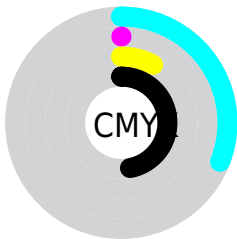
Distribution



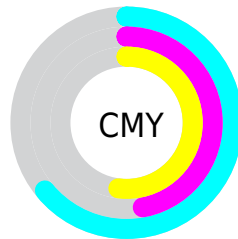
- Red (36%)
- Green (53%)
- Blue (48%)



- Red (36%)
- Yellow (46%)
- Blue (53%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6144, 20.8074, 21.8794 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 16.6144, 20.8074, 21.8794 by changing the saturation by 10% instead.

■ 16.6144, 20.8074,
21.8794

■ 16.6144, 20.8074,
21.8794

226.1402,
256.2532, 274.8488

■ 10.0535, 12.9833,
13.5708

■ 37.2105, 44.7668,
47.4462

■ 5.4970, 7.4170,
7.6875

■ 51.9764, 61.6708,
65.5416

■ 2.5794, 3.7243,
3.8107

■ 70.2081, 82.3703,
87.7363

■ 0.9355, 1.5205,
1.5221

■ 92.2709, 107.2496,
114.4488

■ 0.0000, 0.3031,
0.2343

118.5302,
136.6932, 146.0978

■ 0.0000, 0.0000,
0.0000

149.3512,

171.0854, 183.1018

185.0995,
210.8106, 225.8792

■ 16.6144, 20.8074,
21.8794

■ 16.6144, 20.8074,
21.8794

■ 15.1543, 20.0808,
20.6579

■ 18.3217, 21.6616,
23.1565

■ 13.9271, 19.4727,
19.4896

■ 20.2859, 22.6467,
24.4889

■ 12.9198, 18.9771,
18.3738

■ 22.5185, 23.7693,
25.8778

■ 12.1172, 18.5861,
17.3093

■ 25.0298, 25.0344,
27.3243

■ 11.5024, 18.2910,
16.2950

■ 27.8293, 26.4473,
28.8292

■ 11.0556, 18.0815,
15.3293

■ 30.9263, 28.0124,
30.3934

■ 10.7323, 17.9337,
14.4626

■ 34.3296, 29.7344,
32.0177

■ 38.0476, 31.6177,
33.7029

■ 42.0883, 33.6662,
35.4498

Harmonies

Analogous

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



17.1413, 20.8074, 17.6108



16.6144, 20.8074, 21.8794



16.8932, 20.8074, 27.0234

Triad

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



16.6144, 20.8074, 21.8794



21.2483, 20.8074, 32.5116



21.7504, 20.8074, 15.6302

Complementary

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



16.6144, 20.8074, 21.8794



16.2452, 13.8970, 14.9236

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.



22.9712, 20.8074, 18.7860



16.6144, 20.8074, 21.8794



22.6695, 20.8074, 28.5824

Square

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



16.6144, 20.8074, 21.8794



19.5038, 20.8074, 33.6595



23.3170, 20.8074, 23.4502



20.0523, 20.8074, 14.3569

Rectangle

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



16.6144, 20.8074, 21.8794



17.5076, 20.8074, 30.2069



23.3170, 20.8074, 23.4502



22.2341, 20.8074, 16.4811

Sweetspot

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



16.6150, 20.8082, 21.8799



36.2619, 40.1616, 43.4815



16.2823, 20.8215, 13.5169



8.0635, 8.9948, 9.7277



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.6150, 20.8082, 21.8799



27.3733, 35.7139, 36.9853



16.1663, 18.7459, 25.3215



4.7497, 5.2581, 5.6932



10.0619, 16.8076, 13.5771



0.0379, 0.0594, 0.0631

Inverse Universe

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



16.2452, 13.8970, 14.9236



26.6121, 21.4371, 22.6289



16.5478, 15.3390, 12.4447



4.7201, 4.7077, 5.1385



9.5154, 4.8705, 2.0206



0.0357, 0.0180, 0.0212

Previews

White Background



This preview shows how the XYZ color 16.6144, 20.8074, 21.8794 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 16.6144, 20.8074, 21.8794 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 16.6144, 20.8074, 21.8794

Background



This preview shows how black text looks on a background with the XYZ color 16.6144, 20.8074, 21.8794.

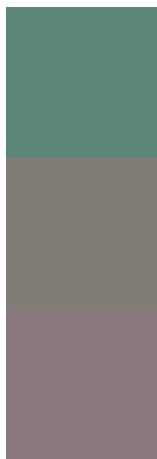


This preview shows how white text looks on a background with the XYZ color 16.6144, 20.8074,

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

16.6144, 20.8074, 21.8794

Protanopia

19.6569, 20.6424, 20.0879

Deuteranopia

20.9198, 20.4995, 22.5929



Tritanopia

17.9285, 20.7270, 28.6470

Trichromacy



Original Color

16.6144, 20.8074, 21.8794

Protanomaly

18.3118, 20.5074, 20.7625

Deuteranomaly

19.0477, 20.4673, 22.3487

Tritanomaly

17.4483, 20.7386, 26.0050

Monochromacy



Original Color

16.6144, 20.8074, 21.8794

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.2152, 19.3627, 20.9192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6144, 20.8074, 21.8794 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(93, 134, 123) looks like.

```
.text, #text, p{  
    color:rgb(93, 134, 123)  
}
```

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(93, 134, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 134, 123) }
```

Border

The CSS property to change the border of an element to XYZ 16.6144, 20.8074, 21.8794 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(93, 134, 123) }
```


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

```
.border{ border-color:rgb(93, 134, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 134, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 134, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 134, 123);  
box-shadow:4px 4px 4px 4px rgb(93, 134,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6144, 20.8074, 21.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 134, 123) }
```

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

```
.background{ background-color: rgb(93, 134,  
123) }
```

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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