

Converting Colors

XYZ(16.5731, 20.4368, 22.9090)

Have a look what the booklet for
XYZ(16.5731, 20.4368, 22.9090)
contains.

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Color

**XYZ(16.5314, 20.3360,
22.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	5D847E
RGB	93, 132, 126
RGB Percent	36%, 52%, 49%
CMY	0.6353, 0.4823, 0.5059
CMYK	0.30, 0.00, 0.05, 0.48
HSL	171°, 17%, 44%
HSV	171°, 30%, 52%
XYZ	16.5314, 20.3360, 22.7926
YIQ	119.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

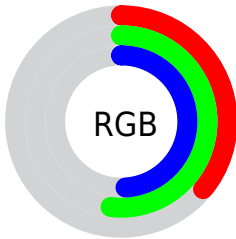
Format	Color
R_YB	93, 114, 132
Decimal	6128766
CIE _{Lab}	52.21, -14.93, -1.14
CIE _{LCh}	52, 14.973, 184.367
Yxy	20.3360, 0.2771, 0.3409
Android (android.graphics.Color)	4284318846 (0xFF5D847E)
YUV	119.6550, 3.1281, -23.3764
Hunter-Lab	45.0955, -13.4813, 1.5999

Details

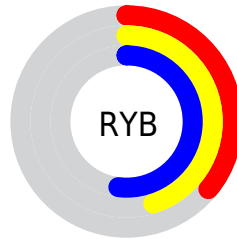
The XYZ color **16.5314, 20.3360, 22.7926** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.6830, 13.6358, 13.6107**, and the grayscale version is **17.7382, 18.6620, 20.3229**.

A 20% lighter version of the original color is **36.9872, 43.8819, 49.1684**, and **5.4390, 7.1283, 8.1104** is the 20% darker color. If you saturate the color by 10%, you get **15.1793, 19.6545, 22.0524**, and if you desaturate by 10%, it is **18.1180, 21.1391, 23.5585**.

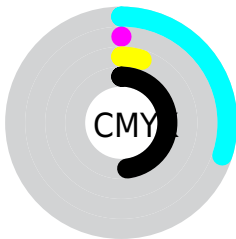
Distribution



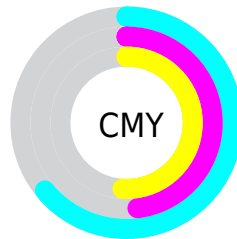
- Red (36%)
- Green (52%)
- Blue (49%)



- Red (36%)
- Yellow (45%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5314, 20.3360, 22.7926 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 16.5314, 20.3360, 22.7926 by changing the saturation by 10% instead.

■ 16.5314, 20.3360,
22.7926

■ 16.5314, 20.3360,
22.7926

225.6666,
253.7283, 279.7453

■ 9.9942, 12.6395,
14.2366

■ 37.0684, 43.9798,
48.9714

■ 5.4573, 7.1808,
8.1448

■ 51.7988, 60.6959,
67.4313

■ 2.5555, 3.5754,
4.0986

■ 69.9911, 81.1873,
90.0296

■ 0.9233, 1.4390,
1.6796

■ 92.0104, 105.8385,
117.1847

■ 0.0000, 0.2452,
0.3467

118.2223,
135.0338, 149.3153

■ 0.0000, 0.0000,
0.0000

148.9921,

169.1576, 186.8399

184.6850,
208.5943, 230.1771

■ 16.5314, 20.3360,
22.7926

■ 16.5314, 20.3360,
22.7926

■ 15.1793, 19.6545,
22.0524

■ 18.1180, 21.1391,
23.5585

■ 14.0482, 19.0860,
21.3359

■ 19.9483, 22.0671,
24.3494

■ 13.1255, 18.6248,
20.6429

■ 22.0332, 23.1260,
25.1663

■ 12.3971, 18.2634,
19.9727

■ 24.3826, 24.3209,
26.0097

■ 11.8470, 17.9935,
19.3243

■ 27.0055, 25.6565,
26.8801

■ 11.4563, 17.8056,
18.6970

■ 29.9107, 27.1373,
27.7780

■ 11.1716, 17.6720,
18.0879

■ 33.1066, 28.7677,
28.7038

■ 11.1590, 17.6661,
18.0605

■ 36.6013, 30.5518,
29.6581

■ 40.4023, 32.4934,
30.6413

Harmonies

Analogous

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



16.7868, 20.3360, 18.6817



16.5314, 20.3360, 22.7926



16.9923, 20.3360, 27.2675

Triad

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



16.5314, 20.3360, 22.7926



21.0440, 20.3360, 29.8824



20.6346, 20.3360, 15.3595

Complementary

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



16.5314, 20.3360, 22.7926



15.6830, 13.6358, 13.6107

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.



21.8701, 20.3360, 17.7035



16.5314, 20.3360, 22.7926



22.1151, 20.3360, 26.0062

Square

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



16.5314, 20.3360, 22.7926



19.5545, 20.3360, 31.6905



22.4251, 20.3360, 21.5048



19.1048, 20.3360, 14.7352

Rectangle

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



16.5314, 20.3360, 22.7926



17.6589, 20.3360, 29.7516



22.4251, 20.3360, 21.5048



21.1007, 20.3360, 15.9557

Sweetspot

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



16.5320, 20.3368, 22.7931



35.2563, 38.9299, 42.9386



15.4281, 19.9746, 13.3988



8.1066, 9.0121, 9.9551



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.



16.5320, 20.3368, 22.7931



27.5871, 35.0482, 39.3297



15.2766, 17.1875, 24.3430



4.7717, 5.2669, 5.8087



10.8058, 17.1052, 17.4947



0.0395, 0.0601, 0.0715

Inverse Universe

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



15.6830, 13.6358, 13.6107



25.8577, 21.3837, 20.6149



16.6463, 16.0046, 12.5683



4.6996, 4.6995, 5.0307



9.3400, 4.8003, 1.0967



0.0341, 0.0173, 0.0128

Previews

White Background



This preview shows how the XYZ color 16.5314, 20.3360, 22.7926 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 16.5314, 20.3360, 22.7926 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

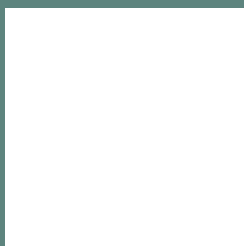
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5314, 20.3360, 22.7926

Background



This preview shows how black text looks on a background with the XYZ color 16.5314, 20.3360, 22.7926.



This preview shows how white text looks on a background with the XYZ color 16.5314, 20.3360,

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

16.5314, 20.3360, 22.7926

Protanopia

19.4112, 20.3078, 20.9859

Deuteranopia

20.4443, 20.0598, 23.2165



Tritanopia

17.5401, 20.3455, 27.8136

Trichromacy



Original Color

16.5314, 20.3360, 22.7926

Protanomaly

18.2348, 20.2536, 21.6872

Deuteranomaly

18.6462, 19.8695, 22.9311

Tritanomaly

17.2088, 20.4148, 25.9551

Monochromacy



Original Color

16.5314, 20.3360, 22.7926

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.1509, 19.1354, 21.2019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5314, 20.3360, 22.7926 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, 132, 126) looks like.

```
.text, #text, p{  
    color:rgb(93, 132, 126)  
}
```

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, 132, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 132, 126) }
```

Border

The CSS property to change the border of an element to XYZ 16.5314, 20.3360, 22.7926 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, 132, 126) }
```


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

```
.border{ border-color:rgb(93, 132, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 132, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 132, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 132, 126);  
box-shadow:4px 4px 4px 4px rgb(93, 132,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5314, 20.3360, 22.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 132, 126) }
```

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

```
.background{ background-color: rgb(93, 132,  
126) }
```

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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