

Converting Colors

XYZ(16.9963, 21.2689, 27.4781)

Have a look what the booklet for
XYZ(16.9963, 21.2689, 27.4781)
contains.

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Color

**XYZ(17.0316, 21.3114,
27.6419)**

Conversions

Conversions Part 1

Format	Color
Hex	53888B
RGB	83, 136, 139
RGB Percent	33%, 53%, 55%
CMY	0.6745, 0.4667, 0.4549
CMYK	0.40, 0.02, 0.00, 0.45
HSL	183°, 25%, 44%
HSV	183°, 40%, 55%
XYZ	17.0316, 21.3114, 27.6419
YIQ	120.4950, -32.5510, -10.3030

Conversions

Conversions Part 2

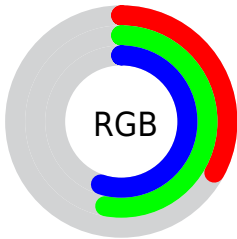
Format	Color
R_{YB}	83, 110, 139
Decimal	5474443
CIE _{Lab}	53.29, -16.77, -7.18
CIE _{LCh}	53, 18.241, 203.164
Yxy	21.3114, 0.2581, 0.3230
Android (android.graphics.Color)	4283664523 (0xFF53888B)
YUV	120.4950, 9.1230, -32.8831
Hunter-Lab	46.1643, -14.9326, -3.1862

Details

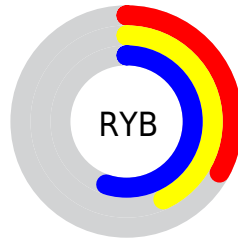
The XYZ color **17.0316, 21.3114, 27.6419** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.5368, 12.7692, 9.8298**, and the grayscale version is **17.9908, 18.9278, 20.6123**.

A 20% lighter version of the original color is **37.7037, 45.3519, 56.6358**, and **5.6960, 7.6682, 10.6311** is the 20% darker color. If you saturate the color by 10%, you get **15.8218, 20.5332, 27.5558**, and if you desaturate by 10%, it is **18.4893, 22.2195, 27.7407**.

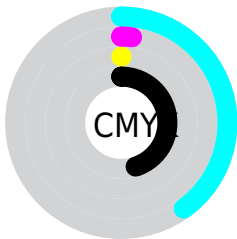
Distribution



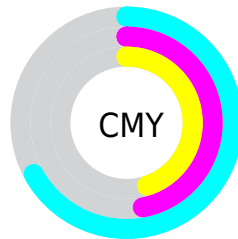
- Red (33%)
- Green (53%)
- Blue (55%)



- Red (33%)
- Yellow (43%)
- Blue (55%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0316, 21.3114, 27.6419 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 17.0316, 21.3114, 27.6419 by changing the saturation by 10% instead.

■ 17.0316, 21.3114,
27.6419

■ 17.0316, 21.3114,
27.6419

228.5071,
258.9288, 304.6097

■ 10.3525, 13.3518,
17.8192

■ 37.9233, 45.6052,
56.9284

■ 5.6973, 7.6713,
10.6522

■ 52.8665, 62.7082,
77.2293

■ 2.7008, 3.8853,
5.7222

■ 71.2952, 83.6279,
101.8600

■ 0.9976, 1.6096,
2.6109

■ 93.5746, 108.7485,
131.2391

■ 0.0000, 0.3641,
0.8981

■ 120.0701,
138.4545, 165.7850

■ 0.0000, 0.0000,
0.0000

151.1472,

173.1303, 205.9164

187.1710,
213.1603, 252.0518

■ 17.0316, 21.3114,
27.6419

■ 17.0316, 21.3114,
27.6419

■ 15.8218, 20.5332,
27.5558

■ 18.4893, 22.2195,
27.7407

■ 14.8432, 19.8747,
27.4803

■ 20.2066, 23.2620,
27.8514

■ 14.0801, 19.3284,
27.4151

■ 22.1966, 24.4462,
27.9751

■ 13.5140, 18.8847,
27.3593

■ 24.4711, 25.7782,
28.1123

■ 13.1232, 18.5325,
27.3119

■ 27.0412, 27.2636,
28.2636

■ 12.8518, 18.2471,
27.2711

■ 29.9173, 28.9079,
28.4294

■ 33.1094, 30.7161,
28.6102

■ 36.6270, 32.6933,
28.8064

■ 40.4792, 34.8441,
29.0185

Harmonies

Analogous

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



16.7897, 21.3114, 21.9622



17.0316, 21.3114, 27.6419



18.1112, 21.3114, 32.7938

Triad

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



17.0316, 21.3114, 27.6419



23.3739, 21.3114, 30.1783



20.7008, 21.3114, 14.1698

Complementary

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



17.0316, 21.3114, 27.6419



15.5368, 12.7692, 9.8298

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.



22.5634, 21.3114, 15.6945



17.0316, 21.3114, 27.6419



24.1689, 21.3114, 24.4928

Square

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



17.0316, 21.3114, 27.6419



21.7512, 21.3114, 34.4130



23.8633, 21.3114, 19.2694



18.8307, 21.3114, 14.7397

Rectangle

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



17.0316, 21.3114, 27.6419



19.1998, 21.3114, 34.9376



23.8633, 21.3114, 19.2694



21.3499, 21.3114, 14.4451

Sweetspot

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



17.0322, 21.3122, 27.6424



39.0064, 43.3392, 50.0524



14.4719, 20.9733, 12.0478



8.8938, 9.9306, 11.5275



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.



17.0322, 21.3122, 27.6424



28.5800, 36.9323, 49.3653



13.6115, 14.4709, 26.5022



5.1503, 5.6435, 6.4237



11.6032, 16.4767, 24.6144



0.0803, 0.1160, 0.1646

Inverse Universe

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



18.1851, 13.4535, 24.9318



30.9593, 21.0115, 43.7045



18.2039, 18.1035, 10.7189



5.2225, 5.1244, 6.2600



13.3436, 6.4475, 20.1113



0.0903, 0.0435, 0.1422

Previews

White Background



This preview shows how the XYZ color 17.0316, 21.3114, 27.6419 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 17.0316, 21.3114, 27.6419 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

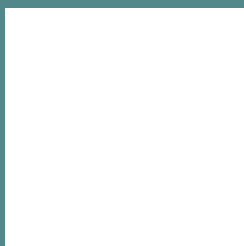
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0316, 21.3114, 27.6419

Background



This preview shows how black text looks on a background with the XYZ color 17.0316, 21.3114, 27.6419.

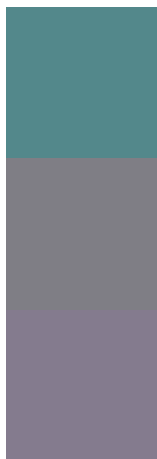


This preview shows how white text looks on a background with the XYZ color 17.0316, 21.3114,

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

17.0316, 21.3114, 27.6419

Protanopia

20.4469, 21.1272, 25.1906

Deuteranopia

21.4812, 21.0244, 28.5171



Tritanopia

17.5986, 21.3346, 30.3846

Trichromacy



Original Color

17.0316, 21.3114, 27.6419

Protanomaly

18.9114, 21.0940, 25.9965

Deuteranomaly

19.4663, 20.9388, 28.2149

Tritanomaly

17.2781, 21.1959, 29.1672

Monochromacy



Original Color

17.0316, 21.3114, 27.6419

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.3550, 19.5798, 22.9432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0316, 21.3114, 27.6419 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(83, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(83, 136, 139)  
}
```

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(83, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 136, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.0316, 21.3114, 27.6419 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(83, 136, 139) }
```


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

```
.border{ border-color:rgb(83, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 136, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 136, 139);  
box-shadow:4px 4px 4px 4px rgb(83, 136,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0316, 21.3114, 27.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 136, 139) }
```

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

```
.background{ background-color: rgb(83, 136,  
139) }
```

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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