

Converting Colors

XYZ(17.0713, 21.3565, 22.2247)

Have a look what the booklet for
XYZ(17.0713, 21.3565, 22.2247)
contains.

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Color

**XYZ(17.1616, 21.4965,
22.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	5F887C
RGB	95, 136, 124
RGB Percent	37%, 53%, 49%
CMY	0.6274, 0.4667, 0.5137
CMYK	0.30, 0.00, 0.09, 0.47
HSL	162°, 18%, 45%
HSV	162°, 30%, 53%
XYZ	17.1616, 21.4965, 22.3135
YIQ	122.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

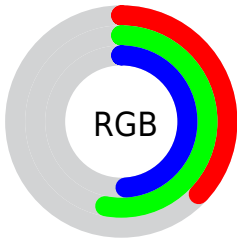
Format	Color
R_{YB}	95, 119, 136
Decimal	6260860
CIE _{Lab}	53.49, -16.92, 1.89
CIE _{LCh}	53, 17.023, 173.612
Yxy	21.4965, 0.2815, 0.3526
Android (android.graphics.Color)	4284450940 (0xFF5F887C)
YUV	122.3730, 0.8021, -24.0061
Hunter-Lab	46.3643, -15.0664, 3.9209

Details


The XYZ color **17.1616, 21.4965, 22.3135** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.9002, 14.4808, 15.8152**, and the grayscale version is **18.6234, 19.5933, 21.3371**.

A 20% lighter version of the original color is **38.0667, 45.7328, 47.8953**, and **5.7701, 7.7679, 7.8519** is the 20% darker color. If you saturate the color by 10%, you get **15.6238, 20.7328, 20.9540**, and if you desaturate by 10%, it is **18.9575, 22.3932, 23.7390**.

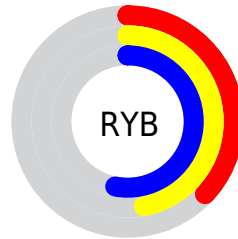
Distribution



 Red (37%)

 Green (53%)

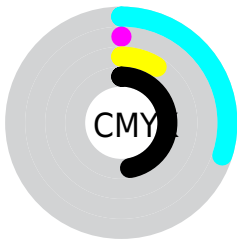
 Blue (49%)



 Red (37%)

 Yellow (47%)

 Blue (53%)

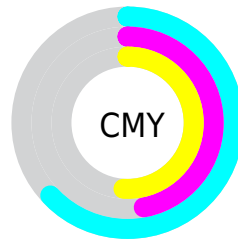



 Cyan (30%)


 Magenta (0%)

 Yellow (9%)

 Black (47%)



 Cyan (63%)

 Magenta (47%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1616, 21.4965, 22.3135 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 17.1616, 21.4965, 22.3135 by changing the saturation by 10% instead.

■ 17.1616, 21.4965,
22.3135

■ 17.1616, 21.4965,
22.3135

229.2400,
259.9055, 277.1858

■ 10.4458, 13.4874,
13.8869

■ 38.1448, 45.9124,
48.1724

■ 5.7600, 7.7650,
7.9042

■ 53.1429, 63.0880,
66.4418

■ 2.7390, 3.9450,
3.9468

■ 71.6325, 84.0879,
88.8293

■ 1.0173, 1.6428,
1.5962

■ 93.9789, 109.2964,
115.7533

■ 0.0000, 0.3862,
0.2881

120.5475,
139.0981, 147.6324

■ 0.0000, 0.0000,
0.0000

151.7037,

173.8772, 184.8852

187.8127,
214.0182, 227.9301

■ 17.1616, 21.4965,
22.3135

■ 17.1616, 21.4965,
22.3135

■ 15.6238, 20.7328,
20.9540

■ 18.9575, 22.3932,
23.7390

■ 14.3293, 20.0928,
19.6579

■ 21.0216, 23.4264,
25.2304

■ 13.2645, 19.5701,
18.4244

■ 23.3658, 24.6028,
26.7891

■ 12.4140, 19.1567,
17.2521

■ 26.0007, 25.9279,
28.4163

■ 11.7601, 18.8436,
16.1395

■ 28.9363, 27.4067,
30.1130

■ 11.2823, 18.6201,
15.0851

■ 32.1822, 29.0443,
31.8802

■ 10.9247, 18.4572,
14.0996

■ 35.7474, 30.8452,
33.7190

■ 39.6407, 32.8140,
35.6302

■ 43.8705, 34.9550,
37.6148

Harmonies

Analogous

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



17.7537, 21.4965, 17.9721



17.1616, 21.4965, 22.3135



17.4031, 21.4965, 27.6340

Triad

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



17.1616, 21.4965, 22.3135



21.8592, 21.4965, 33.7895



22.5689, 21.4965, 16.2580

Complementary

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



17.1616, 21.4965, 22.3135



16.9002, 14.4808, 15.8152

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.



23.7929, 21.4965, 19.6329



17.1616, 21.4965, 22.3135



23.3665, 21.4965, 29.8377

Square

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



17.1616, 21.4965, 22.3135



20.0466, 21.4965, 34.7870



24.0930, 21.4965, 24.5337



20.8218, 21.4965, 14.8252

Rectangle

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



17.1616, 21.4965, 22.3135



18.0119, 21.4965, 30.9844



24.0930, 21.4965, 24.5337



23.0592, 21.4965, 17.1766

Sweetspot

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



17.1622, 21.4974, 22.3140



37.4164, 41.4687, 44.7177



16.9700, 21.5799, 14.0978



8.5487, 9.5453, 10.2756



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.1622, 21.4974, 22.3140



28.3960, 36.9641, 37.7196



16.8571, 19.5975, 26.1879



5.1115, 5.6641, 6.1081



10.3436, 17.4700, 13.3661



0.0751, 0.1186, 0.1225

Inverse Universe

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



16.9002, 14.4808, 15.8152



27.8615, 22.5900, 24.4177



17.0898, 15.8014, 12.9761



5.0892, 5.0711, 5.5582



9.9730, 5.0993, 2.3620



0.0720, 0.0362, 0.0461

Previews

White Background



This preview shows how the XYZ color 17.1616, 21.4965, 22.3135 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 17.1616, 21.4965, 22.3135 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 17.1616, 21.4965, 22.3135

Background



This preview shows how black text looks on a background with the XYZ color 17.1616, 21.4965, 22.3135.



This preview shows how white text looks on a background with the XYZ color 17.1616, 21.4965,

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

17.1616, 21.4965, 22.3135

Protanopia

20.4349, 21.4162, 20.5095

Deuteranopia

21.7289, 21.2737, 23.0397



Tritanopia

18.5672, 21.4413, 29.5456

Trichromacy



Original Color

17.1616, 21.4965, 22.3135

Protanomaly

19.0416, 21.2677, 21.1906

Deuteranomaly

19.7972, 21.2298, 22.7930

Tritanomaly

18.0775, 21.4530, 26.8550

Monochromacy



Original Color

17.1616, 21.4965, 22.3135

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.8466, 20.0535, 21.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1616, 21.4965, 22.3135 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(95, 136, 124) looks like.

```
.text, #text, p{  
    color:rgb(95, 136, 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(95, 136, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 136, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.1616, 21.4965, 22.3135 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(95, 136, 124) }
```


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

```
.border{ border-color:rgb(95, 136, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 136, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 136, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 136, 124);  
box-shadow:4px 4px 4px 4px rgb(95, 136,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1616, 21.4965, 22.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 136, 124) }
```

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

```
.background{ background-color: rgb(95, 136,  
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](#).

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