

Converting Colors

XYZ(16.8976, 21.1955, 21.7155)

Have a look what the booklet for
XYZ(16.8976, 21.1955, 21.7155)
contains.

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Color

**XYZ(16.8961, 21.1660,
21.6073)**

Conversions

Conversions Part 1

Format	Color
Hex	5F877A
RGB	95, 135, 122
RGB Percent	37%, 53%, 48%
CMY	0.6274, 0.4706, 0.5216
CMYK	0.30, 0.00, 0.10, 0.47
HSL	160°, 17%, 45%
HSV	160°, 30%, 53%
XYZ	16.8961, 21.1660, 21.6073
YIQ	121.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

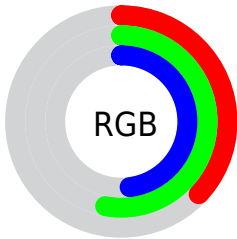
Format	Color
R_{YB}	95, 119, 135
Decimal	6260602
CIE _{Lab}	53.13, -16.84, 2.53
CIE _{LCh}	53, 17.029, 171.442
Yxy	21.1660, 0.2832, 0.3547
Android (android.graphics.Color)	4284450682 (0xFF5F877A)
YUV	121.5580, 0.2179, -23.2914
Hunter-Lab	46.0065, -14.9565, 4.3586

Details

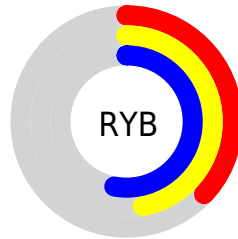
The XYZ color **16.8961, 21.1660, 21.6073** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.7913, 14.4185, 16.0861**, and the grayscale version is **18.3591, 19.3152, 21.0342**.

A 20% lighter version of the original color is **37.6558, 45.2255, 46.7891**, and **5.6234, 7.5824, 7.4705** is the 20% darker color. If you saturate the color by 10%, you get **15.3478, 20.3991, 20.1478**, and if you desaturate by 10%, it is **18.7009, 22.0648, 23.1438**.

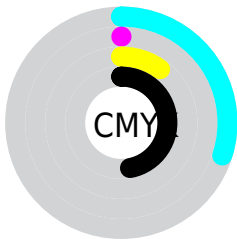
Distribution



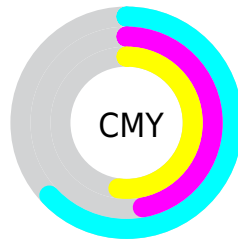
- Red (37%)
- Green (53%)
- Blue (48%)



- Red (37%)
- Yellow (47%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8961, 21.1660, 21.6073 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 16.8961, 21.1660, 21.6073 by changing the saturation by 10% instead.

■ 16.8961, 21.1660,
21.6073

■ 16.8961, 21.1660,
21.6073

227.7409,
258.1594, 273.3749

■ 10.2553, 13.2454,
13.3731

■ 37.6921, 45.3636,
46.9899

■ 5.6321, 7.5977,
7.5522

■ 52.5779, 62.4095,
64.9754

■ 2.6612, 3.8387,
3.7261

■ 70.9429, 83.2658,
87.0484

■ 0.9772, 1.5837,
1.4763

■ 93.1522, 108.3171,
113.6274

■ 0.0000, 0.3466,
0.2002

119.5713,
137.9477, 145.1311

■ 0.0000, 0.0000,
0.0000

150.5656,

172.5420, 181.9778

186.5003,
212.4845, 224.5862

■ 16.8961, 21.1660,
21.6073

■ 16.8961, 21.1660,
21.6073

■ 15.3478, 20.3991,
20.1478

■ 18.7009, 22.0648,
23.1438

■ 14.0416, 19.7550,
18.7624

■ 20.7722, 23.0991,
24.7573

■ 12.9642, 19.2276,
17.4501

■ 23.1218, 24.2753,
26.4496

■ 12.1004, 18.8088,
16.2094

■ 25.7599, 25.5988,
28.2218

■ 11.4329, 18.4899,
15.0385

■ 28.6964, 27.0747,
30.0754

■ 10.9418, 18.2606,
13.9356

■ 31.9408, 28.7077,
32.0114

■ 10.5713, 18.0922,
12.8972

■ 35.5020, 30.5026,
34.0310

■ 10.5580, 18.0862,
12.8600

■ 39.3886, 32.4636,
36.1353

■ 43.6088, 34.5951,
38.3256

Harmonies

Analogous

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



17.5393, 21.1660, 17.4213



16.8961, 21.1660, 21.6073



17.0750, 21.1660, 26.8490

Triad

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



16.8961, 21.1660, 21.6073



21.4050, 21.1660, 33.5172



22.3450, 21.1660, 16.1527

Complementary

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



16.8961, 21.1660, 21.6073



16.7913, 14.4185, 16.0861

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.



23.5018, 21.1660, 19.6205



16.8961, 21.1660, 21.6073



22.9371, 21.1660, 29.7676

Square

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



16.8961, 21.1660, 21.6073



19.6088, 21.1660, 34.2590



23.7247, 21.1660, 24.5476



20.6353, 21.1660, 14.5933

Rectangle

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



16.8961, 21.1660, 21.6073



17.6413, 21.1660, 30.2217



23.7247, 21.1660, 24.5476



22.8155, 21.1660, 17.1071

Sweetspot

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



16.8967, 21.1669, 21.6078



37.3676, 41.4492, 44.4607



16.9551, 21.3642, 14.0567



8.5359, 9.5401, 10.2081



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.



16.8967, 21.1669, 21.6078



28.2221, 36.8946, 36.8039



16.8558, 19.7084, 25.8385



4.7389, 5.2538, 5.6365



9.7416, 16.6795, 11.8909



0.0371, 0.0591, 0.0589

Inverse Universe

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



16.7913, 14.4185, 16.0861



28.0019, 22.6461, 25.1566



16.7765, 15.4149, 12.9178



4.7304, 4.7118, 5.1924



9.6364, 4.9189, 2.6574



0.0365, 0.0183, 0.0254

Previews

White Background



This preview shows how the XYZ color 16.8961, 21.1660, 21.6073 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 16.8961, 21.1660, 21.6073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

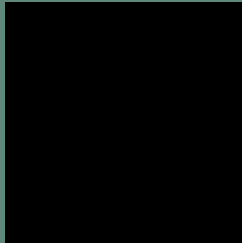
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

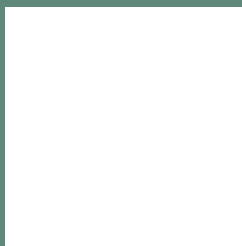
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8961, 21.1660, 21.6073

Background



This preview shows how black text looks on a background with the XYZ color 16.8961, 21.1660, 21.6073.

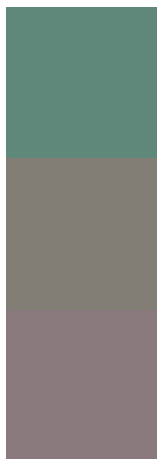


This preview shows how white text looks on a background with the XYZ color 16.8961, 21.1660,

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

16.8961, 21.1660, 21.6073

Protanopia

20.0318, 21.0314, 19.8333

Deuteranopia

21.3087, 20.8887, 22.3109



Tritanopia

18.3548, 21.1383, 29.0993

Trichromacy



Original Color

16.8961, 21.1660, 21.6073

Protanomaly

18.6512, 20.8840, 20.5007

Deuteranomaly

19.3958, 20.8449, 22.0700

Tritanomaly

17.7977, 21.1210, 26.0604

Monochromacy



Original Color

16.8961, 21.1660, 21.6073

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.7843, 20.0286, 21.3409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8961, 21.1660, 21.6073 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, 135, 122) looks like.

```
.text, #text, p{  
    color:rgb(95, 135, 122)  
}
```

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, 135, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 135, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.8961, 21.1660, 21.6073 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, 135, 122) }
```


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

```
.border{ border-color:rgb(95, 135, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 135, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 135, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 135, 122);  
box-shadow:4px 4px 4px 4px rgb(95, 135,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8961, 21.1660, 21.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 135, 122) }
```

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

```
.background{ background-color: rgb(95, 135,  
122) }
```

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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