

Converting Colors

XYZ(17.0984, 21.2863, 26.3448)

Have a look what the booklet for
XYZ(17.0984, 21.2863, 26.3448)
contains.

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Color

**XYZ(17.1786, 21.4121,
26.5201)**

Conversions

Conversions Part 1

Format	Color
Hex	578888
RGB	87, 136, 136
RGB Percent	34%, 53%, 53%
CMY	0.6588, 0.4667, 0.4667
CMYK	0.36, 0.00, 0.00, 0.47
HSL	180°, 22%, 44%
HSV	180°, 36%, 53%
XYZ	17.1786, 21.4121, 26.5201
YIQ	121.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

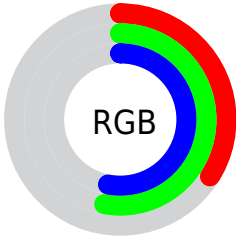
Format	Color
RYB	87, 112, 136
Decimal	5736584
CIELab	53.40, -16.43, -5.25
CIELCh	53, 17.250, 197.721
Yxy	21.4121, 0.2638, 0.3289
Android (android.graphics.Color)	4283926664 (0xFF578888)
YUV	121.3490, 7.2229, -30.1241
Hunter-Lab	46.2732, -14.7113, -1.5890

Details

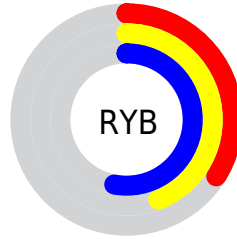
The XYZ color **17.1786, 21.4121, 26.5201** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.2826, 12.7395, 10.6712**, and the grayscale version is **18.2715, 19.2231, 20.9339**.

A 20% lighter version of the original color is **38.0304, 45.5583, 54.9333**, and **5.7351, 7.7025, 9.9886** is the 20% darker color. If you saturate the color by 10%, you get **16.0267, 20.8188, 26.4665**, and if you desaturate by 10%, it is **18.5710, 22.1304, 26.5859**.

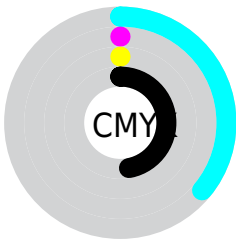
Distribution



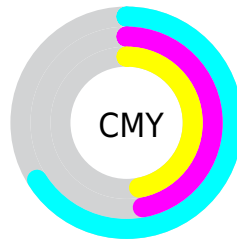
- Red (34%)
- Green (53%)
- Blue (53%)



- Red (34%)
- Yellow (44%)
- Blue (53%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (66%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1786, 21.4121, 26.5201 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 17.1786, 21.4121, 26.5201 by changing the saturation by 10% instead.

■ 17.1786, 21.4121,
26.5201

■ 17.1786, 21.4121,
26.5201

229.3357,
259.4605, 299.0123

■ 10.4580, 13.4256,
16.9839

■ 38.1738, 45.7724,
55.1072

■ 5.7683, 7.7222,
10.0612

■ 53.1790, 62.9149,
74.9951

■ 2.7440, 3.9177,
5.3334

■ 71.6766, 83.8782,
99.1707

■ 1.0199, 1.6277,
2.3820

■ 94.0317, 109.0468,
128.0524

■ 0.0000, 0.3761,
0.7766

■ 120.6099,
138.8048, 162.0589

■ 0.0000, 0.0000,
0.0000

151.7763,

173.5369, 201.6087

187.8965,
213.6273, 247.1203

■ 17.1786, 21.4121,
26.5201

■ 17.1786, 21.4121,
26.5201

■ 16.0267, 20.8188,
26.4665

■ 18.5710, 22.1304,
26.5859

■ 15.1000, 20.3411,
26.4230

■ 20.2144, 22.9777,
26.6629

■ 14.3843, 19.9721,
26.3894

■ 22.1211, 23.9606,
26.7523

■ 13.8629, 19.7033,
26.3648

■ 24.3019, 25.0848,
26.8545

■ 13.5170, 19.5250,
26.3485

■ 26.7669, 26.3556,
26.9700

■ 13.3159, 19.4214,
26.3390

■ 29.5260, 27.7779,
27.0992

■ 13.2483, 19.3865,
26.3357

■ 32.5884, 29.3566,
27.2427

■ 35.9629, 31.0962,
27.4008

■ 39.6579, 33.0011,
27.5738

Harmonies

Analogous

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



17.1014, 21.4121, 21.2348



17.1786, 21.4121, 26.5201



18.0736, 21.4121, 31.5989

Triad

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



17.1786, 21.4121, 26.5201



23.0693, 21.4121, 30.7769



21.1096, 21.4121, 14.7841

Complementary

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



17.1786, 21.4121, 26.5201



15.2826, 12.7395, 10.6712

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.



22.8133, 21.4121, 16.6210



17.1786, 21.4121, 26.5201



23.9894, 21.4121, 25.5250

Square

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



17.1786, 21.4121, 26.5201



21.4422, 21.4121, 34.2986



23.8930, 21.4121, 20.3776



19.2985, 21.4121, 14.9677

Rectangle

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



17.1786, 21.4121, 26.5201



19.0457, 21.4121, 33.9451



23.8930, 21.4121, 20.3776



21.7158, 21.4121, 15.1728

Sweetspot

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



17.1792, 21.4130, 26.5206



37.1728, 41.2911, 47.0589



14.5323, 20.3630, 12.1819



8.5200, 9.5168, 10.8941



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.



17.1792, 21.4130, 26.5206



28.6347, 36.8896, 46.6585



14.2043, 15.4629, 25.5294



5.1728, 5.6886, 6.4312



12.5387, 18.3481, 24.9250



0.0833, 0.1219, 0.1656

Inverse Universe

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



15.2826, 12.7395, 10.6712



24.7929, 19.3204, 14.5537



17.5244, 17.2230, 11.4182



5.0329, 5.0486, 5.2616



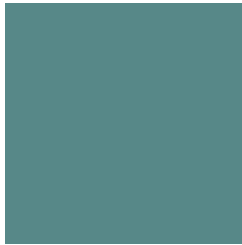
9.6098, 4.9541, 0.4498



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 17.1786, 21.4121, 26.5201 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 17.1786, 21.4121, 26.5201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

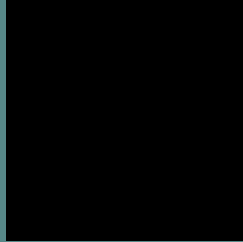
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

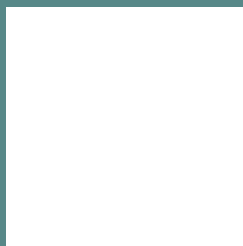
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1786, 21.4121, 26.5201

Background



This preview shows how black text looks on a background with the XYZ color 17.1786, 21.4121, 26.5201.



This preview shows how white text looks on a background with the XYZ color 17.1786, 21.4121,

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

17.1786, 21.4121, 26.5201

Protanopia

20.3922, 21.1226, 24.1214

Deuteranopia

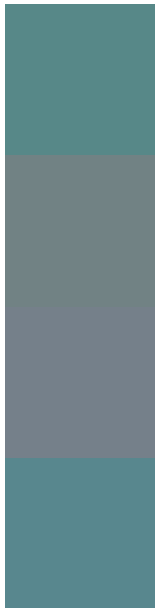
21.6994, 21.3477, 27.4029



Tritanopia

17.8946, 21.4961, 29.9941

Trichromacy



Original Color

17.1786, 21.4121, 26.5201

Protanomaly

18.9575, 21.1419, 24.9114

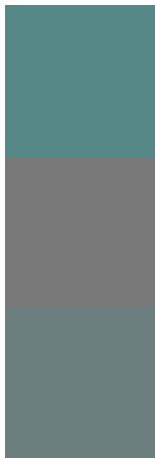
Deuteranomaly

19.6427, 21.0552, 27.0735

Tritanomaly

17.5710, 21.3556, 28.7871

Monochromacy



Original Color

17.1786, 21.4121, 26.5201

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.5334, 19.6793, 22.6130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1786, 21.4121, 26.5201 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(87, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(87, 136, 136)  
}
```

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(87, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 136, 136) }
```

Border

The CSS property to change the border of an element to XYZ 17.1786, 21.4121, 26.5201 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(87, 136, 136) }
```


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

```
.border{ border-color:rgb(87, 136, 136) }
```

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

Here you see how a box with a 4 pixel rgb(87, 136, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(87, 136,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1786, 21.4121, 26.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 136, 136) }
```

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

```
.background{ background-color: rgb(87, 136,  
136) }
```

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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