

Converting Colors

XYZ(17.6487, 21.4629, 30.8337)

Have a look what the booklet for
XYZ(17.6487, 21.4629, 30.8337)
contains.

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Color

**XYZ(17.7268, 21.5997,
30.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	548893
RGB	84, 136, 147
RGB Percent	33%, 53%, 58%
CMY	0.6706, 0.4667, 0.4235
CMYK	0.43, 0.07, 0.00, 0.42
HSL	190°, 27%, 45%
HSV	190°, 43%, 58%
XYZ	17.7268, 21.5997, 30.8386
YIQ	121.7060, -34.5230, -7.6030

Conversions

Conversions Part 2

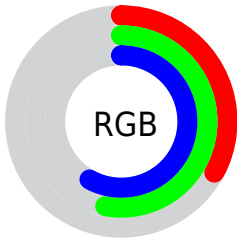
Format	Color
R_{YB}	84, 112, 147
Decimal	5539987
CIE _{Lab}	53.60, -14.33, -11.34
CIE _{LCh}	54, 18.274, 218.372
Yxy	21.5997, 0.2526, 0.3078
Android (android.graphics.Color)	4283730067 (0xFF548893)
YUV	121.7060, 12.4699, -33.0682
Hunter-Lab	46.4755, -13.2481, -6.8088

Details

The XYZ color **17.7268, 21.5997, 30.8386** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7255, 15.0280, 10.3547**, and the grayscale version is **18.3722, 19.3290, 21.0492**.

A 20% lighter version of the original color is **39.0567, 45.9306, 62.0653**, and **6.0042, 7.7914, 12.2538** is the 20% darker color. If you saturate the color by 10%, you get **16.1897, 20.2776, 30.6648**, and if you desaturate by 10%, it is **19.5501, 23.0832, 31.0292**.

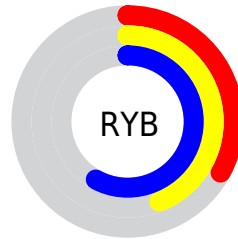
Distribution



Red (33%)

Green (53%)

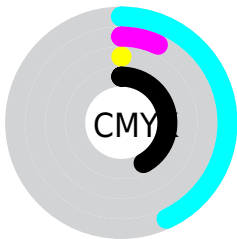
Blue (58%)



Red (33%)

Yellow (44%)

Blue (58%)

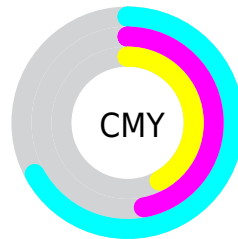


Cyan (43%)

Magenta (7%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (47%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7268, 21.5997, 30.8386 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 17.7268, 21.5997, 30.8386 by changing the saturation by 10% instead.

■ 17.7268, 21.5997,
30.8386

■ 17.7268, 21.5997,
30.8386

232.4021,
260.4486, 320.1222

■ 10.8525, 13.5631,
20.2185

■ 39.1050, 46.0835,
62.0625

■ 6.0343, 7.8174,
12.3684

■ 54.3396, 63.2994,
83.5034

■ 2.9068, 3.9783,
6.8695

■ 73.0917, 84.3439,
109.3883

■ 1.1047, 1.6614,
3.3034

■ 95.7267, 109.6014,
140.1358

■ 0.0290, 0.3985,
1.2516

■ 122.6098,
139.4562, 176.1644

■ 0.0000, 0.0000,
0.0216

154.1066,

■ 0.0000, 0.0000,

174.2927, 217.8926

0.0000

190.5822,
214.4954, 265.7390

■ 17.7268, 21.5997,
30.8386

■ 17.7268, 21.5997,
30.8386

■ 16.1897, 20.2776,
30.6648

■ 19.5501, 23.0832,
31.0292

■ 14.9192, 19.1052,
30.5055

■ 21.6734, 24.7338,
31.2359

■ 13.8966, 18.0733,
30.3602

■ 24.1123, 26.5601,
31.4599

■ 13.0996, 17.1703,
30.2279

■ 26.8805, 28.5693,
31.7018

■ 12.5021, 16.3825,
30.1073

■ 29.9909, 30.7681,
31.9623

■ 12.1448, 15.8632,
30.0259

■ 33.4558, 33.1629,
32.2419

■ 37.2868, 35.7598,
32.5412

■ 41.4949, 38.5645,
32.8608

■ 46.0908, 41.5827,
33.2011

Harmonies

Analogous

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



17.0374, 21.5997, 25.1177



17.7268, 21.5997, 30.8386



19.1779, 21.5997, 34.9871

Triad

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



17.7268, 21.5997, 30.8386



24.2186, 21.5997, 27.7050



19.9885, 21.5997, 14.4095

Complementary

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



17.7268, 21.5997, 30.8386



17.7255, 15.0280, 10.3547

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.



21.9439, 21.5997, 14.8776



17.7268, 21.5997, 30.8386



24.4697, 21.5997, 21.9884

Square

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



17.7268, 21.5997, 30.8386



22.9479, 21.5997, 32.9878



23.6139, 21.5997, 17.4592



18.2879, 21.5997, 16.0604

Rectangle

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



17.7268, 21.5997, 30.8386



20.4235, 21.5997, 35.9764



23.6139, 21.5997, 17.4592



20.6366, 21.5997, 14.3302

Sweetspot

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



17.7275, 21.6005, 30.8391



42.9898, 47.4237, 56.3225



16.1333, 23.5699, 14.4075



9.6003, 10.6679, 12.8379



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.7275, 21.6005, 30.8391



29.1970, 36.4947, 54.9399



13.9748, 14.0952, 29.5882



5.8789, 6.3917, 7.3936



10.5447, 13.7842, 26.0359



0.1473, 0.2051, 0.3247

Inverse Universe

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



19.6475, 14.3219, 25.0223



33.1875, 22.1278, 42.6794



21.0942, 21.7654, 11.4776



5.9923, 5.8920, 7.0656



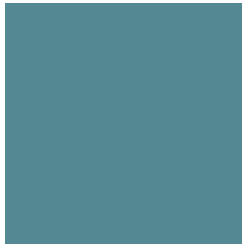
13.4496, 6.5849, 16.3802



0.1738, 0.0843, 0.2489

Previews

White Background



This preview shows how the XYZ color 17.7268, 21.5997, 30.8386 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 17.7268, 21.5997, 30.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

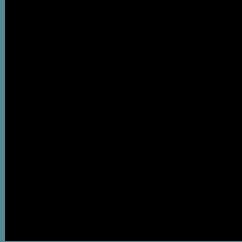
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7268, 21.5997, 30.8386

Background



This preview shows how black text looks on a background with the XYZ color 17.7268, 21.5997, 30.8386.



This preview shows how white text looks on a background with the XYZ color 17.7268, 21.5997,

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

17.7268, 21.5997, 30.8386

Protanopia

21.0013, 21.5375, 28.2496

Deuteranopia

21.6857, 21.2524, 31.3929



Tritanopia

17.7268, 21.5997, 30.8386

Trichromacy



Original Color

17.7268, 21.5997, 30.8386

Protanomaly

19.4961, 21.3279, 29.0758

Deuteranomaly

19.8745, 21.0872, 31.0397

Tritanomaly

17.7268, 21.5997, 30.8386

Monochromacy



Original Color

17.7268, 21.5997, 30.8386

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.8704, 20.0056, 24.3923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7268, 21.5997, 30.8386 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(84, 136, 147)` looks like.

```
.text, #text, p{  
    color:rgb(84, 136, 147)  
}
```

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(84, 136, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 136, 147) }
```

Border

The CSS property to change the border of an element to XYZ 17.7268, 21.5997, 30.8386 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(84, 136, 147) }
```


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

```
.border{ border-color:rgb(84, 136, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 136, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 136, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 136, 147); box-shadow:4px 4px 4px 4px rgb(84, 136, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7268, 21.5997, 30.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 136, 147) }
```

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

```
.background{ background-color: rgb(84, 136,  
147) }
```

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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