

Converting Colors

XYZ(17.5754, 21.8493, 30.0046)

Have a look what the booklet for
XYZ(17.5754, 21.8493, 30.0046)
contains.

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Color

**XYZ(17.5362, 21.7295,
30.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	528991
RGB	82, 137, 145
RGB Percent	32%, 54%, 57%
CMY	0.6784, 0.4627, 0.4314
CMYK	0.43, 0.06, 0.00, 0.43
HSL	188°, 28%, 45%
HSV	188°, 43%, 57%
XYZ	17.5362, 21.7295, 30.0580
YIQ	121.4670, -35.3480, -9.1720

Conversions

Conversions Part 2

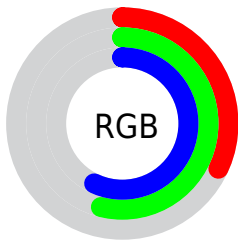
Format	Color
R_{YB}	82, 111, 145
Decimal	5409169
CIE _{Lab}	53.74, -15.95, -9.99
CIE _{LCh}	54, 18.822, 212.044
Yxy	21.7295, 0.2530, 0.3134
Android (android.graphics.Color)	4283599249 (0xFF528991)
YUV	121.4670, 11.6018, -34.6126
Hunter-Lab	46.6149, -14.4257, -5.6007

Details

The XYZ color **17.5362, 21.7295, 30.0580** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8566, 13.9417, 9.7859**, and the grayscale version is **18.2975, 19.2504, 20.9637**.

A 20% lighter version of the original color is **38.7139, 46.1013, 60.8908**, and **5.9526, 7.8895, 12.0356** is the 20% darker color. If you saturate the color by 10%, you get **16.1468, 20.6285, 29.9191**, and if you desaturate by 10%, it is **19.1979, 22.9785, 30.2119**.

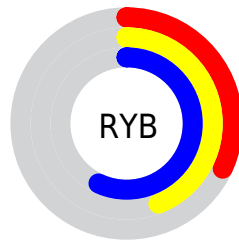
Distribution



Red (32%)

Green (54%)

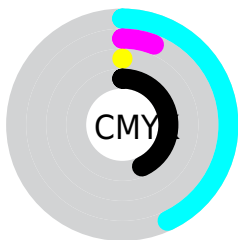
Blue (57%)



Red (32%)

Yellow (44%)

Blue (57%)

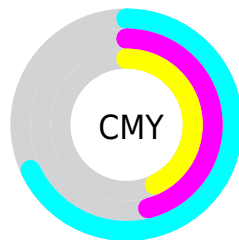


Cyan (43%)

Magenta (6%)

Yellow (0%)

Black (43%)



Cyan (68%)

Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5362, 21.7295, 30.0580 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 17.5362, 21.7295, 30.0580 by changing the saturation by 10% instead.

■ 17.5362, 21.7295,
30.0580

■ 17.5362, 21.7295,
30.0580

231.3402,
261.1304, 316.3904

■ 10.7152, 13.6583,
19.6302

■ 38.7817, 46.2985,
60.8160

■ 5.9415, 7.8834,
11.9451

■ 53.9370, 63.5651,
81.9832

■ 2.8499, 4.0204,
6.5842

■ 72.6010, 84.6656,
107.5674

■ 1.0749, 1.6850,
3.1290

■ 95.1391, 109.9844,
137.9870

■ 0.0039, 0.4139,
1.1609

■ 121.9167,
139.9058, 173.6605

■ 0.0000, 0.0000,
0.0000

153.2992,

174.8144, 215.0066

189.6519,
215.0945, 262.4437

■ 17.5362, 21.7295,
30.0580

■ 17.5362, 21.7295,
30.0580

■ 16.1468, 20.6285,
29.9191

■ 19.1979, 22.9785,
30.2119

■ 15.0107, 19.6643,
29.7929

■ 21.1453, 24.3809,
30.3799

■ 14.1097, 18.8277,
29.6789

■ 23.3934, 25.9451,
30.5634

■ 13.4223, 18.1078,
29.5762

■ 25.9556, 27.6778,
30.7628

■ 12.9226, 17.4912,
29.4835

■ 28.8443, 29.5857,
30.9788

■ 12.6475, 17.1176,
29.4259

■ 32.0714, 31.6748,
31.2119

■ 35.6481, 33.9510,
31.4628

■ 39.5852, 36.4197,
31.7318

■ 43.8928, 39.0864,
32.0195

Harmonies

Analogous

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



17.0137, 21.7295, 24.0583



17.5362, 21.7295, 30.0580



18.8874, 21.7295, 34.8936

Triad

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



17.5362, 21.7295, 30.0580



24.2731, 21.7295, 29.2600



20.5152, 21.7295, 14.2024

Complementary

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



17.5362, 21.7295, 30.0580



16.8566, 13.9417, 9.7859

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.



22.5259, 21.7295, 15.1399



17.5362, 21.7295, 30.0580



24.7780, 21.7295, 23.2656

Square

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



17.5362, 21.7295, 30.0580



22.7808, 21.7295, 34.3826



24.1193, 21.7295, 18.2407



18.6625, 21.7295, 15.4361

Rectangle

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



17.5362, 21.7295, 30.0580



20.1209, 21.7295, 36.4577



24.1193, 21.7295, 18.2407



21.1949, 21.7295, 14.2736

Sweetspot

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



17.5369, 21.7303, 30.0585



41.9692, 46.5150, 54.7398



15.4235, 22.7723, 13.1117



9.1465, 10.2172, 12.1623



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.5369, 21.7303, 30.0585



28.9982, 37.0093, 53.5887



13.7606, 14.1778, 28.7998



5.5027, 6.0011, 6.8971



10.8611, 14.7082, 25.2436



0.1144, 0.1617, 0.2449

Inverse Universe

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



19.2103, 13.8611, 25.3308



32.4773, 21.3345, 43.6060



20.0197, 20.2678, 10.8402



5.5972, 5.4994, 6.6428



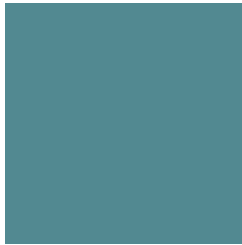
13.2853, 6.4711, 17.6855



0.1323, 0.0640, 0.1972

Previews

White Background



This preview shows how the XYZ color 17.5362, 21.7295, 30.0580 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 17.5362, 21.7295, 30.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

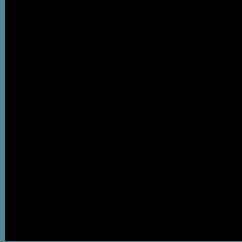
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5362, 21.7295, 30.0580

Background



This preview shows how black text looks on a background with the XYZ color 17.5362, 21.7295, 30.0580.



This preview shows how white text looks on a background with the XYZ color 17.5362, 21.7295,

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

17.5362, 21.7295, 30.0580

Protanopia

21.0020, 21.5548, 27.4797

Deuteranopia

22.0390, 21.6306, 31.0305



Tritanopia

17.8582, 21.8684, 31.2968

Trichromacy



Original Color

17.5362, 21.7295, 30.0580

Protanomaly

19.4796, 21.5352, 28.3293

Deuteranomaly

19.9268, 21.3178, 30.6683

Tritanomaly

17.7794, 21.8369, 30.8816

Monochromacy



Original Color

17.5362, 21.7295, 30.0580

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.6820, 19.9162, 24.0314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5362, 21.7295, 30.0580 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(82, 137, 145)` looks like.

```
.text, #text, p{  
    color:rgb(82, 137, 145)  
}
```

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(82, 137, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 137, 145) }
```

Border

The CSS property to change the border of an element to XYZ 17.5362, 21.7295, 30.0580 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(82, 137, 145) }
```


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

```
.border{ border-color:rgb(82, 137, 145) }
```

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

Here you see how a box with a 4 pixel rgb(82, 137, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 137, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 137, 145);  
box-shadow:4px 4px 4px 4px rgb(82, 137,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5362, 21.7295, 30.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 137, 145) }
```

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

```
.background{ background-color: rgb(82, 137,  
145) }
```

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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