

Converting Colors

XYZ(17.5372, 20.4030, 21.5310)

Have a look what the booklet for
XYZ(17.5372, 20.4030, 21.5310)
contains.

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Color

**XYZ(17.5589, 20.4962,
21.4431)**

Conversions

Conversions Part 1

Format	Color
Hex	6B827A
RGB	107, 130, 122
RGB Percent	42%, 51%, 48%
CMY	0.5804, 0.4902, 0.5216
CMYK	0.18, 0.00, 0.06, 0.49
HSL	159°, 10%, 46%
HSV	159°, 18%, 51%
XYZ	17.5589, 20.4962, 21.4431
YIQ	122.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

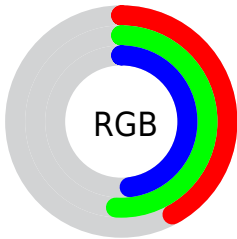
Format	Color
RYB	107, 121, 130
Decimal	7045754
CIELab	52.39, -10.03, 1.56
CIELCh	52, 10.154, 171.165
Yxy	20.4962, 0.2951, 0.3445
Android (android.graphics.Color)	4285235834 (0xFF6B827A)
YUV	122.2110, -0.1040, -13.3400
Hunter-Lab	45.2727, -9.9966, 3.6086

Details

The XYZ color **17.5589, 20.4962, 21.4431** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.5589, 16.4996, 18.4798**, and the grayscale version is **18.5710, 19.5382, 21.2770**.

A 20% lighter version of the original color is **38.8715, 44.2939, 46.5452**, and **5.9487, 7.2957, 7.3980** is the 20% darker color. If you saturate the color by 10%, you get **15.8383, 19.6414, 19.9339**, and if you desaturate by 10%, it is **19.5287, 21.4791, 23.0329**.

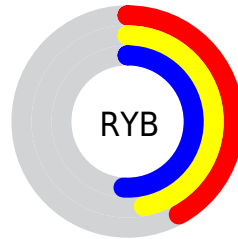
Distribution



Red (42%)

Green (51%)

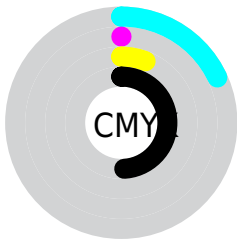
Blue (48%)



Red (42%)

Yellow (47%)

Blue (51%)

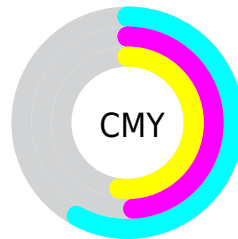


Cyan (18%)

Magenta (0%)

Yellow (6%)

Black (49%)



Cyan (58%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5589, 20.4962, 21.4431 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 17.5589, 20.4962, 21.4431 by changing the saturation by 10% instead.

■ 17.5589, 20.4962,
21.4431

■ 17.5589, 20.4962,
21.4431

231.4669,
254.5888, 272.4820

■ 10.7315, 12.7562,
13.2539

■ 38.8203, 44.2475,
46.7141

■ 5.9526, 7.2609,
7.4708

■ 53.9850, 61.0277,
64.6331

■ 2.8566, 3.6258,
3.6754

■ 72.6595, 81.5901,
86.6323

■ 1.0784, 1.4665,
1.4490

■ 95.2092, 106.3191,
113.1304

■ 0.0069, 0.2650,
0.1795

121.9994,
135.5991, 144.5458

■ 0.0000, 0.0000,
0.0000

153.3955,

169.8144, 181.2972

189.7629,
209.3495, 223.8031

■ 17.5589, 20.4962,
21.4431

■ 17.5589, 20.4962,
21.4431

■ 15.8383, 19.6414,
19.9339

■ 19.5287, 21.4791,
23.0329

■ 14.3546, 18.9066,
18.5026

■ 21.7560, 22.5926,
24.7033

■ 13.0968, 18.2869,
17.1481

■ 24.2508, 23.8425,
26.4560

■ 12.0527, 17.7759,
15.8689

■ 27.0219, 25.2333,
28.2925

■ 11.2086, 17.3666,
14.6634

■ 30.0779, 26.7694,
30.2138

■ 10.5492, 17.0510,
13.5298

■ 33.4270, 28.4549,
32.2213

■ 10.0568, 16.8202,
12.4663

■ 37.0769, 30.2939,
34.3161

■ 9.6931, 16.6544,
11.4701

■ 41.0351, 32.2903,
36.4994

■ 9.6139, 16.6184,
11.2491

■ 45.3090, 34.4476,
38.7722

Harmonies

Analogous

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



17.9547, 20.4962, 18.8935



17.5589, 20.4962, 21.4431



17.6635, 20.4962, 24.4637

Triad

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



17.5589, 20.4962, 21.4431



20.2169, 20.4962, 28.1361



20.7708, 20.4962, 18.1208

Complementary

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



17.5589, 20.4962, 21.4431



17.5589, 16.4996, 18.4798

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.



21.4191, 20.4962, 20.2995



17.5589, 20.4962, 21.4431



21.0915, 20.4962, 26.1306

Square

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



17.5589, 20.4962, 21.4431



19.1735, 20.4962, 28.5118



21.5385, 20.4962, 23.2141



19.7918, 20.4962, 17.0913

Rectangle

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



17.5589, 20.4962, 21.4431



18.0046, 20.4962, 26.3306



21.5385, 20.4962, 23.2141



21.0360, 20.4962, 18.7333

Sweetspot

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



17.5595, 20.4971, 21.4436



35.3578, 38.3081, 41.3060



17.7140, 20.6759, 16.9675



7.9529, 8.6458, 9.3110



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.5595, 20.4971, 21.4436



29.7253, 35.4997, 36.7401



17.6247, 19.8011, 24.0132



4.3849, 4.8623, 5.1978



9.2211, 15.9350, 10.8029



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5589, 16.4996, 18.4798



29.7243, 27.1732, 30.5684



17.4850, 17.0571, 16.2811



4.3847, 4.3671, 4.8306



9.2884, 4.7350, 2.8423



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5589, 20.4962, 21.4431 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 17.5589, 20.4962, 21.4431 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

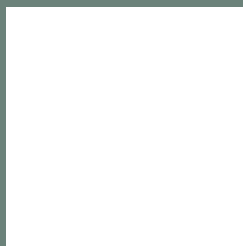
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5589, 20.4962, 21.4431

Background



This preview shows how black text looks on a background with the XYZ color 17.5589, 20.4962, 21.4431.



This preview shows how white text looks on a background with the XYZ color 17.5589, 20.4962,

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

17.5589, 20.4962, 21.4431

Protanopia

19.4395, 20.3364, 20.3535

Deuteranopia

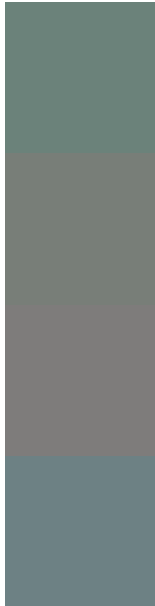
20.7920, 20.4483, 21.9199



Tritanopia

18.7370, 20.5883, 27.0312

Trichromacy



Original Color

17.5589, 20.4962, 21.4431

Protanomaly

18.5967, 20.2708, 20.7018

Deuteranomaly

19.3870, 20.2810, 21.6317

Tritanomaly

18.3218, 20.6177, 24.8437

Monochromacy



Original Color

17.5589, 20.4962, 21.4431

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.1826, 19.8543, 21.2863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5589, 20.4962, 21.4431 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(107, 130, 122)` looks like.

```
.text, #text, p{  
    color:rgb(107, 130, 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(107, 130, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 130, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.5589, 20.4962, 21.4431 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(107, 130, 122) }
```


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

```
.border{ border-color:rgb(107, 130, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 130, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 130, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 130, 122);  
box-shadow:4px 4px 4px 4px rgb(107, 130,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5589, 20.4962, 21.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 130, 122) }
```

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

```
.background{ background-color: rgb(107,  
130, 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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