

Converting Colors

XYZ(14.5446, 17.4943, 21.1512)

Have a look what the booklet for
XYZ(14.5446, 17.4943, 21.1512)
contains.

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Color

**XYZ(14.4969, 17.3989,
21.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	587A7A
RGB	88, 122, 122
RGB Percent	35%, 48%, 48%
CMY	0.6549, 0.5216, 0.5216
CMYK	0.28, 0.00, 0.00, 0.52
HSL	180°, 16%, 41%
HSV	180°, 28%, 48%
XYZ	14.4969, 17.3989, 21.0066
YIQ	111.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

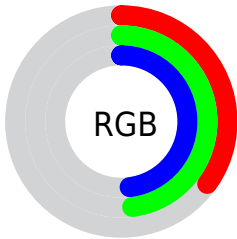
Format	Color
R_{YB}	88, 105, 122
Decimal	5798522
CIE Lab	48.76, -11.99, -3.91
CIE LCh	49, 12.609, 198.077
Yxy	17.3989, 0.2740, 0.3289
Android (android.graphics.Color)	4283988602 (0xFF587A7A)
YUV	111.8340, 5.0118, -20.9024
Hunter-Lab	41.7120, -10.9587, -0.6607

Details

The XYZ color **14.4969, 17.3989, 21.0066** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.2778, 11.8221, 10.8153**, and the grayscale version is **15.3429, 16.1419, 17.5786**.

A 20% lighter version of the original color is **33.4235, 38.8171, 45.7752**, and **4.4602, 5.6972, 7.1679** is the 20% darker color. If you saturate the color by 10%, you get **13.4374, 16.8532, 20.9572**, and if you desaturate by 10%, it is **15.7507, 18.0457, 21.0658**.

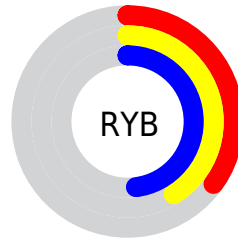
Distribution



Red (35%)

Green (48%)

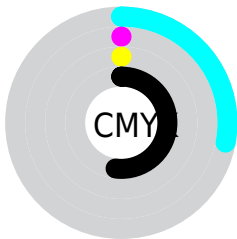
Blue (48%)



Red (35%)

Yellow (41%)

Blue (48%)

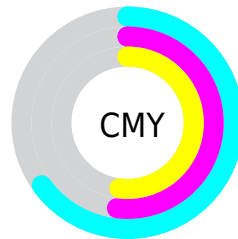


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4969, 17.3989, 21.0066 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 14.4969, 17.3989, 21.0066 by changing the saturation by 10% instead.

■ 14.4969, 17.3989,
21.0066

■ 14.4969, 17.3989,
21.0066

213.7498,
237.4607, 270.0958

■ 8.5511, 10.5193,
12.9375

■ 33.5471, 39.0104,
45.9795

■ 4.5043, 5.7446,
7.2553

■ 47.3822, 54.5110,
63.7203

■ 1.9912, 2.6904,
3.5414

■ 64.5777, 73.6541,
85.5222

■ 0.6290, 0.9723,
1.3773

■ 85.4991, 96.8241,
111.8036

■ 0.0000, 0.0000,
0.1239

■ 110.5116,
124.4054, 142.9832

■ 0.0000, 0.0000,
0.0000

139.9807,

156.7823, 179.4794

174.2717,
194.3393, 221.7107

■ 14.4969, 17.3989,
21.0066

■ 14.4969, 17.3989,
21.0066

■ 13.4374, 16.8532,
20.9572

■ 15.7507, 18.0457,
21.0658

■ 12.5612, 16.4014,
20.9160

■ 17.2062, 18.7960,
21.1341

■ 11.8582, 16.0390,
20.8830

■ 18.8724, 19.6550,
21.2123

■ 11.3169, 15.7600,
20.8575

■ 20.7571, 20.6266,
21.3006

■ 10.9246, 15.5578,
20.8389

■ 22.8679, 21.7147,
21.3996

■ 10.6663, 15.4246,
20.8267

■ 25.2119, 22.9231,
21.5095

■ 10.5050, 15.3415,
20.8190

■ 27.7959, 24.2552,
21.6306

■ 10.4725, 15.3247,
20.8174

■ 30.6266, 25.7145,
21.7632

■ 33.7101, 27.3041,
21.9077

Harmonies

Analogous

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



14.4399, 17.3989, 17.6492



14.4969, 17.3989, 21.0066



15.0846, 17.3989, 24.1323

Triad

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



14.4969, 17.3989, 21.0066



18.2612, 17.3989, 23.5643



17.0044, 17.3989, 13.3331

Complementary

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



14.4969, 17.3989, 21.0066



13.2778, 11.8221, 10.8153

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.



18.0801, 17.3989, 14.5591



14.4969, 17.3989, 21.0066



18.8282, 17.3989, 20.3015

Square

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



14.4969, 17.3989, 21.0066



17.2423, 17.3989, 25.7242



18.7603, 17.3989, 17.0219



15.8514, 17.3989, 13.4747

Rectangle

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



14.4969, 17.3989, 21.0066



15.7145, 17.3989, 25.5440



18.7603, 17.3989, 17.0219



17.3880, 17.3989, 13.5924

Sweetspot

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



14.4974, 17.3996, 21.0070



30.1809, 33.0208, 37.1756



12.7999, 16.7268, 11.7869



6.8219, 7.5095, 8.4965



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.4974, 17.3996, 21.0070



24.3591, 30.0195, 36.9024



12.6474, 13.6994, 20.3908



4.1071, 4.5124, 5.0977



11.0254, 16.1338, 21.9165



52.5923, 76.9599, 104.5435

Inverse Universe

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



13.2778, 11.8221, 10.8153



21.8646, 18.6114, 16.0564



14.7822, 14.8309, 11.3165



3.9983, 4.0150, 4.1888



8.4502, 4.3562, 0.3956



40.3081, 20.7796, 1.8867

Previews

White Background



This preview shows how the XYZ color 14.4969, 17.3989, 21.0066 looks on a white 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

Black Background



This preview shows how the XYZ color 14.4969, 17.3989, 21.0066 looks on a black 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

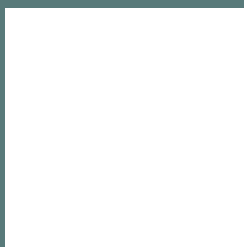
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4969, 17.3989, 21.0066

Background



This preview shows how black text looks on a background with the XYZ color 14.4969, 17.3989, 21.0066.



This preview shows how white text looks on a background with the XYZ color 14.4969, 17.3989,

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

14.4969, 17.3989, 21.0066

Protanopia

16.7369, 17.3514, 19.6066

Deuteranopia

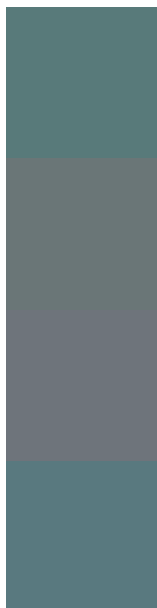
17.6006, 17.2545, 21.4716



Tritanopia

15.0831, 17.4601, 23.6943

Trichromacy



Original Color

14.4969, 17.3989, 21.0066

Protanomaly

15.7521, 17.3529, 19.9720

Deuteranomaly

16.2509, 17.2358, 21.2092

Tritanomaly

14.7880, 17.3309, 22.6445

Monochromacy



Original Color

14.4969, 17.3989, 21.0066

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9913, 16.6353, 18.9438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4969, 17.3989, 21.0066 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(88, 122, 122) looks like.

```
.text, #text, p{  
    color:rgb(88, 122, 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(88, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 122, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.4969, 17.3989, 21.0066 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(88, 122, 122) }
```


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

```
.border{ border-color:rgb(88, 122, 122) }
```

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

Here you see how a box with a 4 pixel rgb(88, 122, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(88, 122,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4969, 17.3989, 21.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 122, 122) }
```

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

```
.background{ background-color: rgb(88, 122,  
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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