

Converting Colors

XYZ(14.4892, 17.4286, 27.7997)

Have a look what the booklet for
XYZ(14.4892, 17.4286, 27.7997)
contains.

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Color

**XYZ(14.4892, 17.4286,
27.7997)**

Conversions

Conversions Part 1

Format	Color
Hex	477B8D
RGB	71, 123, 141
RGB Percent	28%, 48%, 55%
CMY	0.7216, 0.5176, 0.4471
CMYK	0.50, 0.13, 0.00, 0.45
HSL	195°, 33%, 42%
HSV	195°, 50%, 55%
XYZ	14.4892, 17.4286, 27.7997
YIQ	109.5040, -36.7700, -5.4260

Conversions

Conversions Part 2

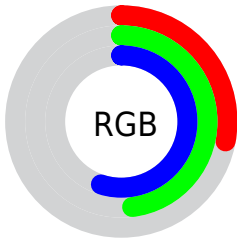
Format	Color
R _Y B	71, 101, 141
Decimal	4684685
CIE Lab	48.80, -12.19, -15.16
CIE LCh	49, 19.457, 231.196
Yxy	17.4286, 0.2426, 0.2919
Android (android.graphics.Color)	4282874765 (0xFF477B8D)
YUV	109.5040, 15.5275, -33.7680
Hunter-Lab	41.7476, -11.1068, -10.2579

Details

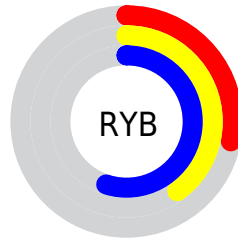
The XYZ color **14.4892, 17.4286, 27.7997** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.6946, 13.2628, 7.6945**, and the grayscale version is **14.6443, 15.4069, 16.7781**.

A 20% lighter version of the original color is **33.6878, 39.2759, 57.4352**, and **4.4887, 5.7311, 10.7672** is the 20% darker color. If you saturate the color by 10%, you get **13.1313, 16.0736, 27.6100**, and if you desaturate by 10%, it is **16.1048, 18.9420, 28.0070**.

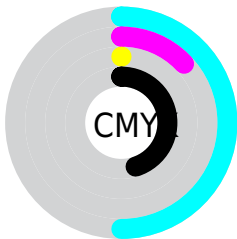
Distribution



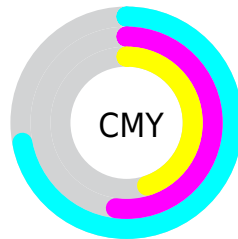
- Red (28%)
- Green (48%)
- Blue (55%)



- Red (28%)
- Yellow (40%)
- Blue (55%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4892, 17.4286, 27.7997 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 14.4892, 17.4286, 27.7997 by changing the saturation by 10% instead.

■ 14.4892, 17.4286,
27.7997

■ 14.4892, 17.4286,
27.7997

213.7035,
237.6303, 305.3903

■ 8.5457, 10.5405,
17.9370

■ 33.5336, 39.0612,
57.1837

■ 4.5008, 5.7588,
10.7358

■ 47.3652, 54.5746,
77.5422

■ 1.9891, 2.6990,
5.7775

■ 64.5569, 73.7318,
102.2362

■ 0.6279, 0.9767,
2.6437

■ 85.4739, 96.9174,
131.6845

■ 0.0000, 0.0000,
0.9149

■ 110.4818,
124.5156, 166.3055

■ 0.0000, 0.0000,
0.0000

139.9458,

156.9109, 206.5178

174.2312,
194.4877, 252.7399

■ 14.4892, 17.4286,
27.7997

■ 14.4892, 17.4286,
27.7997

■ 13.1313, 16.0736,
27.6100

■ 16.1048, 18.9420,
28.0070

■ 12.0125, 14.8659,
27.4359

■ 17.9920, 20.6199,
28.2314

■ 11.1141, 13.7960,
27.2767

■ 20.1653, 22.4707,
28.4741

■ 10.4138, 12.8522,
27.1315

■ 22.6379, 24.5012,
28.7357

■ 9.8528, 12.0039,
26.9973

■ 25.4221, 26.7182,
29.0169

■ 9.8334, 11.9744,
26.9926

■ 28.5296, 29.1277,
29.3182

■ 31.9711, 31.7358,
29.6402

■ 35.7573, 34.5479,
29.9834

■ 39.8980, 37.5695,
30.3484

Harmonies

Analogous

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



13.5427, 17.4286, 22.7922



14.4892, 17.4286, 27.7997



16.0411, 17.4286, 30.5581

Triad

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



14.4892, 17.4286, 27.7997



20.2276, 17.4286, 20.5350



15.3449, 17.4286, 11.1524

Complementary

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



14.4892, 17.4286, 27.7997



15.6946, 13.2628, 7.6945

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.



17.1009, 17.4286, 10.7682



14.4892, 17.4286, 27.7997



20.0074, 17.4286, 15.6128

Square

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



14.4892, 17.4286, 27.7997



19.4124, 17.4286, 25.8928



18.8309, 17.4286, 12.2513



14.0112, 17.4286, 13.4170

Rectangle

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



14.4892, 17.4286, 27.7997



17.2467, 17.4286, 30.4594



18.8309, 17.4286, 12.2513



15.9022, 17.4286, 10.8175

Sweetspot

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



14.4898, 17.4293, 27.8001



37.9590, 41.7723, 51.1901



13.9061, 21.1026, 12.6823



8.2993, 9.1822, 11.4144



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.4898, 17.4293, 27.8001



23.1580, 28.4118, 49.3913



10.9376, 10.3250, 26.6161



5.4445, 5.8848, 6.8777



8.9792, 10.9445, 24.6163



0.1036, 0.1401, 0.2413

Inverse Universe

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



16.8134, 11.5998, 20.0924



28.0225, 17.3399, 33.0013



19.2674, 20.4084, 8.8854



5.5678, 5.4877, 6.4882



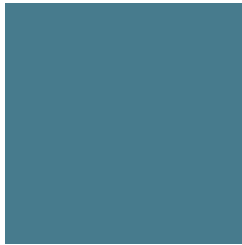
12.3354, 6.0912, 12.6836



0.1269, 0.0618, 0.1684

Previews

White Background



This preview shows how the XYZ color 14.4892, 17.4286, 27.7997 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 14.4892, 17.4286, 27.7997 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

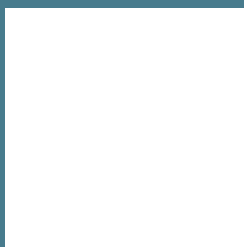
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4892, 17.4286, 27.7997

Background



This preview shows how black text looks on a background with the XYZ color 14.4892, 17.4286, 27.7997.



This preview shows how white text looks on a background with the XYZ color 14.4892, 17.4286,

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

14.4892, 17.4286, 27.7997

Protanopia

16.9460, 17.1634, 25.3414

Deuteranopia

17.5451, 17.2382, 28.3892



Tritanopia

13.9650, 17.4017, 25.1771

Trichromacy



Original Color

14.4892, 17.4286, 27.7997

Protanomaly

15.7005, 17.0155, 26.1237

Deuteranomaly

16.1735, 17.2170, 28.0620

Tritanomaly

14.2488, 17.5235, 26.2983

Monochromacy



Original Color

14.4892, 17.4286, 27.7997

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4058, 16.1287, 20.4431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4892, 17.4286, 27.7997 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(71, 123, 141)` looks like.

```
.text, #text, p{  
    color:rgb(71, 123, 141)  
}
```

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(71, 123, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 123, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.4892, 17.4286, 27.7997 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(71, 123, 141) }
```


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

```
.border{ border-color:rgb(71, 123, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 123, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 123, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 123, 141);  
box-shadow:4px 4px 4px 4px rgb(71, 123,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4892, 17.4286, 27.7997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 123, 141) }
```

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

```
.background{ background-color: rgb(71, 123,  
141) }
```

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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