

Converting Colors

XYZ(14.1511, 17.0711, 27.7485)

Have a look what the booklet for
XYZ(14.1511, 17.0711, 27.7485)
contains.

XYZ(14.1511, 17.0711, 27.7485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1511, 17.0711,
27.7485)**

Conversions

Conversions Part 1

Format	Color
Hex	447A8D
RGB	68, 122, 141
RGB Percent	27%, 48%, 55%
CMY	0.7333, 0.5216, 0.4471
CMYK	0.52, 0.13, 0.00, 0.45
HSL	196°, 35%, 41%
HSV	196°, 52%, 55%
XYZ	14.1511, 17.0711, 27.7485
YIQ	108.0200, -38.2830, -5.5390

Conversions

Conversions Part 2

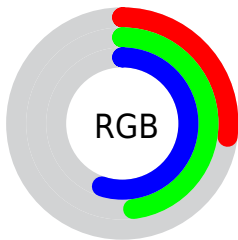
Format	Color
R_{YB}	68, 99, 141
Decimal	4487821
CIE _{Lab}	48.35, -12.36, -15.85
CIE _{LCh}	48, 20.105, 232.051
Yxy	17.0711, 0.2400, 0.2895
Android (android.graphics.Color)	4282677901 (0xFF447A8D)
YUV	108.0200, 16.2591, -35.0975
Hunter-Lab	41.3172, -11.1690, -10.8970

Details

The XYZ color **14.1511, 17.0711, 27.7485** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.4364, 12.8967, 7.1450**, and the grayscale version is **14.2234, 14.9642, 16.2960**.

A 20% lighter version of the original color is **32.8715, 38.2772, 57.2855**, and **4.3335, 5.5527, 10.7409** is the 20% darker color. If you saturate the color by 10%, you get **12.8415, 15.7400, 27.5609**, and if you desaturate by 10%, it is **15.7153, 18.5595, 27.9537**.

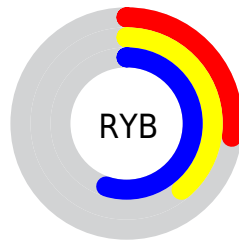
Distribution



Red (27%)

Green (48%)

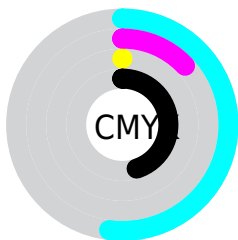
Blue (55%)



Red (27%)

Yellow (39%)

Blue (55%)

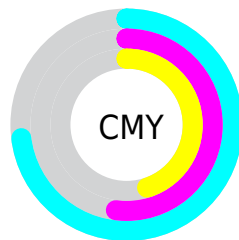


Cyan (52%)

Magenta (13%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1511, 17.0711, 27.7485 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 14.1511, 17.0711, 27.7485 by changing the saturation by 10% instead.

■ 14.1511, 17.0711,
27.7485

■ 14.1511, 17.0711,
27.7485

211.6607,
235.5818, 305.1372

■ 8.3082, 10.2852,
17.8988

■ 32.9409, 38.4480,
57.1009

■ 4.3463, 5.5885,
10.7086

■ 46.6186, 53.8077,
77.4407

■ 1.8998, 2.5965,
5.7596

■ 63.6386, 72.7943,
102.1142

■ 0.5767, 0.9249,
2.6330

■ 84.3662, 95.7919,
131.5401

■ 0.0000, 0.0000,
0.9094

■ 109.1669,
123.1851, 166.1367

■ 0.0000, 0.0000,
0.0000

138.4060,

155.3582, 206.3228

172.4488,
192.6956, 252.5168

■ 14.1511, 17.0711,
27.7485

■ 14.1511, 17.0711,
27.7485

■ 12.8415, 15.7400,
27.5609

■ 15.7153, 18.5595,
27.9537

■ 11.7675, 14.5550,
27.3888

■ 17.5483, 20.2116,
28.1759

■ 10.9099, 13.5062,
27.2315

■ 19.6650, 22.0357,
28.4165

■ 10.2454, 12.5814,
27.0881

■ 22.0787, 24.0390,
28.6759

■ 9.7887, 11.8850,
26.9777

■ 24.8018, 26.2282,
28.9550

■ 27.8462, 28.6095,
29.2541

■ 31.2228, 31.1890,
29.5741

■ 34.9423, 33.9723,
29.9152

■ 39.0147, 36.9648,
30.2782

Harmonies

Analogous

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



13.1702, 17.0711, 22.6451



14.1511, 17.0711, 27.7485



15.7425, 17.0711, 30.4986

Triad

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



14.1511, 17.0711, 27.7485



19.9768, 17.0711, 20.0202



14.9367, 17.0711, 10.7069

Complementary

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



14.1511, 17.0711, 27.7485



15.4364, 12.8967, 7.1450

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.



16.7184, 17.0711, 10.2685



14.1511, 17.0711, 27.7485



19.7204, 17.0711, 15.0461

Square

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



14.1511, 17.0711, 27.7485



19.1699, 17.0711, 25.5197



18.4935, 17.0711, 11.7038



13.5993, 17.0711, 13.0403

Rectangle

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



14.1511, 17.0711, 27.7485



16.9734, 17.0711, 30.3242



18.4935, 17.0711, 11.7038



15.5000, 17.0711, 10.3533

Sweetspot

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



14.1516, 17.0717, 27.7489



37.4954, 41.3688, 51.1366



13.5989, 20.9550, 12.1854



8.2040, 9.0980, 11.4031



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.



14.1516, 17.0717, 27.7489



22.6702, 27.8400, 49.3067



10.5398, 9.8480, 26.5450



5.4431, 5.8820, 6.8772



8.9386, 10.8632, 24.6028



0.1033, 0.1396, 0.2412

Inverse Universe

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



16.5649, 11.2025, 19.7023



27.6777, 16.8246, 32.3492



19.0802, 20.1844, 8.3596



5.5671, 5.4874, 6.4845



12.3149, 6.0830, 12.5755



0.1268, 0.0618, 0.1677

Previews

White Background



This preview shows how the XYZ color 14.1511, 17.0711, 27.7485 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 14.1511, 17.0711, 27.7485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

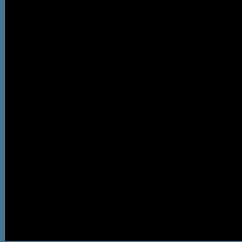
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1511, 17.0711, 27.7485

Background



This preview shows how black text looks on a background with the XYZ color 14.1511, 17.0711, 27.7485.



This preview shows how white text looks on a background with the XYZ color 14.1511, 17.0711,

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

14.1511, 17.0711, 27.7485

Protanopia

16.7087, 16.8745, 25.2981

Deuteranopia

17.3076, 16.9510, 28.3463



Tritanopia

13.4966, 16.9832, 24.7570

Trichromacy



Original Color

14.1511, 17.0711, 27.7485

Protanomaly

15.4801, 16.7298, 26.0802

Deuteranomaly

15.8472, 16.8767, 28.0135

Tritanomaly

13.7737, 17.1017, 25.8676

Monochromacy



Original Color

14.1511, 17.0711, 27.7485

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.8095, 15.4935, 20.0320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1511, 17.0711, 27.7485 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(68, 122, 141)` looks like.

```
.text, #text, p{  
    color:rgb(68, 122, 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(68, 122, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 122, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.1511, 17.0711, 27.7485 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(68, 122, 141) }
```


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

```
.border{ border-color:rgb(68, 122, 141) }
```

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

Here you see how a box with a 4 pixel rgb(68, 122, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 122, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 122, 141);  
box-shadow:4px 4px 4px 4px rgb(68, 122,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1511, 17.0711, 27.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 122, 141) }
```

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

```
.background{ background-color: rgb(68, 122,  
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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