

Converting Colors

XYZ(14.7884, 16.5292, 27.3582)

Have a look what the booklet for
XYZ(14.7884, 16.5292, 27.3582)
contains.

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Color

**XYZ(14.7511, 16.5008,
27.2185)**

Conversions

Conversions Part 1

Format	Color
Hex	54758C
RGB	84, 117, 140
RGB Percent	33%, 46%, 55%
CMY	0.6706, 0.5412, 0.4510
CMYK	0.40, 0.16, 0.00, 0.45
HSL	205°, 25%, 44%
HSV	205°, 40%, 55%
XYZ	14.7511, 16.5008, 27.2185
YIQ	109.7550, -27.0510, 0.1570

Conversions

Conversions Part 2

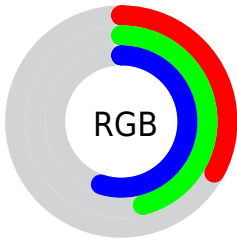
Format	Color
RYB	84, 105, 140
Decimal	5535116
CIELab	47.62, -5.55, -16.29
CIELCh	48, 17.209, 251.199
Yxy	16.5008, 0.2523, 0.2822
Android (android.graphics.Color)	4283725196 (0xFF54758C)
YUV	109.7550, 14.9108, -22.5871
Hunter-Lab	40.6212, -6.2669, -11.2929

Details

The XYZ color **14.7511, 16.5008, 27.2185** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.6737, 16.7315, 10.6862**, and the grayscale version is **14.7155, 15.4819, 16.8598**.

A 20% lighter version of the original color is **34.0789, 37.5052, 56.4820**, and **4.6333, 5.3345, 10.4583** is the 20% darker color. If you saturate the color by 10%, you get **12.9716, 14.6196, 26.9495**, and if you desaturate by 10%, it is **16.8233, 18.5947, 27.5138**.

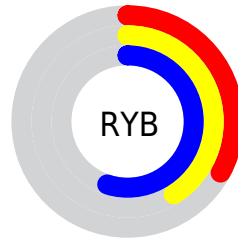
Distribution



Red (33%)

Green (46%)

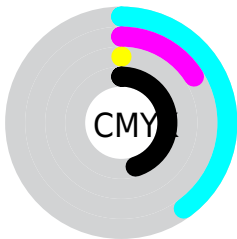
Blue (55%)



Red (33%)

Yellow (41%)

Blue (55%)

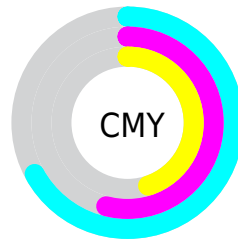


Cyan (40%)

Magenta (16%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7511, 16.5008, 27.2185 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 14.7511, 16.5008, 27.2185 by changing the saturation by 10% instead.

■ 14.7511, 16.5008,
27.2185

■ 14.7511, 16.5008,
27.2185

■ 215.2731,
232.2790, 302.5071

■ 8.7301, 9.8792,
17.5035

■ 33.9912, 37.4655,
56.2423

■ 4.6212, 5.3190,
10.4284

■ 47.9410, 52.5773,
76.3882

■ 2.0592, 2.4356,
5.5746

■ 65.2644, 71.2881,
100.8481

■ 0.6669, 0.8441,
2.5236

■ 86.3267, 93.9821,
130.0405

■ 0.0000, 0.0000,
0.8526

■ 111.4934,
121.0438, 164.3842

■ 0.0000, 0.0000,
0.0000

141.1298,

152.8576, 204.2974

175.6013,
189.8079, 250.1989

■ 14.7511, 16.5008,
27.2185

■ 14.7511, 16.5008,
27.2185

■ 12.9716, 14.6196,
26.9495

■ 16.8233, 18.5947,
27.5138

■ 11.4676, 12.9400,
26.7045

■ 19.2010, 20.9080,
27.8349

■ 10.2220, 11.4526,
26.4831

■ 21.8983, 23.4493,
28.1833

■ 9.2155, 10.1461,
26.2840

■ 24.9279, 26.2260,
28.5596

■ 8.4252, 9.0077,
26.1059

■ 28.3015, 29.2452,
28.9645

■ 7.7890, 8.0040,
25.9457

■ 32.0305, 32.5139,
29.3989

■ 7.7889, 8.0038,
25.9457

■ 36.1256, 36.0383,
29.8634

■ 40.5972, 39.8249,
30.3586

■ 45.4551, 43.8795,
30.8851

Harmonies

Analogous

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



13.5653, 16.5008, 24.1313



14.7511, 16.5008, 27.2185



16.2639, 16.5008, 27.6030

Triad

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



14.7511, 16.5008, 27.2185



18.7617, 16.5008, 16.3739



13.8181, 16.5008, 12.3258

Complementary

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



14.7511, 16.5008, 27.2185



17.6737, 16.7315, 10.6862

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.



15.1171, 16.5008, 10.8830



14.7511, 16.5008, 27.2185



18.0116, 16.5008, 12.9528

Square

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



14.7511, 16.5008, 27.2185



18.6477, 16.5008, 20.8318



16.6544, 16.5008, 11.0920



13.0513, 16.5008, 15.3769

Rectangle

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



14.7511, 16.5008, 27.2185



17.2632, 16.5008, 26.2132



16.6544, 16.5008, 11.0920



14.2033, 16.5008, 11.6610

Sweetspot

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



14.7516, 16.5014, 27.2189



37.4847, 40.2957, 49.5452



15.6571, 21.6904, 17.1070



8.5127, 9.1684, 11.4004



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.



14.7516, 16.5014, 27.2189



23.1568, 26.0858, 47.5575



12.0129, 11.0240, 26.3060



5.0035, 5.3498, 6.3748



6.9403, 7.1510, 23.0602



0.0606, 0.0764, 0.1580

Inverse Universe

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



17.1969, 13.2011, 18.4719



28.2219, 19.9166, 29.2896



20.9964, 23.3770, 11.7937



5.1484, 5.0948, 5.8697



10.9900, 5.5061, 7.7175



0.0803, 0.0395, 0.0897

Previews

White Background



This preview shows how the XYZ color 14.7511, 16.5008, 27.2185 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 14.7511, 16.5008, 27.2185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

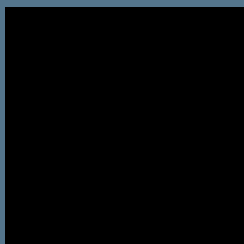
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

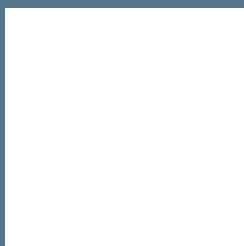
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7511, 16.5008, 27.2185

Background



This preview shows how black text looks on a background with the XYZ color 14.7511, 16.5008, 27.2185.



This preview shows how white text looks on a background with the XYZ color 14.7511, 16.5008,

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

14.7511, 16.5008, 27.2185

Protanopia

16.3015, 16.4917, 25.6166

Deuteranopia

16.6903, 16.3262, 27.4709



Tritanopia

13.9526, 16.5280, 23.2237

Trichromacy



Original Color

14.7511, 16.5008, 27.2185

Protanomaly

15.6783, 16.4934, 26.0241

Deuteranomaly

15.9684, 16.4427, 27.5314

Tritanomaly

14.1917, 16.4442, 24.6164

Monochromacy



Original Color

14.7511, 16.5008, 27.2185

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7231, 15.9574, 20.3933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7511, 16.5008, 27.2185 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(84, 117, 140)` looks like.

```
.text, #text, p{  
    color:rgb(84, 117, 140)  
}
```

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(84, 117, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 117, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.7511, 16.5008, 27.2185 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(84, 117, 140) }
```


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

```
.border{ border-color:rgb(84, 117, 140) }
```

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

Here you see how a box with a 4 pixel rgb(84, 117, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(84, 117,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7511, 16.5008, 27.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 117, 140) }
```

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

```
.background{ background-color: rgb(84, 117,  
140) }
```

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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