

Converting Colors

XYZ(14.5902, 17.5166, 18.5522)

Have a look what the booklet for
XYZ(14.5902, 17.5166, 18.5522)
contains.

XYZ(14.6129, 17.5137, 18.5299)	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(14.6129, 17.5137,
18.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7A72
RGB	94, 122, 114
RGB Percent	37%, 48%, 45%
CMY	0.6314, 0.5216, 0.5529
CMYK	0.23, 0.00, 0.07, 0.52
HSL	163°, 13%, 42%
HSV	163°, 23%, 48%
XYZ	14.6129, 17.5137, 18.5299
YIQ	112.7160, -14.1200, -8.4240

Conversions

Conversions Part 2

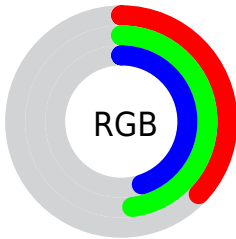
Format	Color
R_{YB}	94, 110, 122
Decimal	6191730
CIE _{Lab}	48.90, -11.89, 1.07
CIE _{LCh}	49, 11.936, 174.879
Y _{xy}	17.5137, 0.2885, 0.3457
Android (android.graphics.Color)	4284381810 (0xFF5E7A72)
YUV	112.7160, 0.6330, -16.4139
Hunter-Lab	41.8494, -10.9080, 3.0424

Details

The XYZ color **14.6129, 17.5137, 18.5299** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.4276, 13.1027, 14.3398**, and the grayscale version is **15.6135, 16.4266, 17.8886**.

A 20% lighter version of the original color is **33.6960, 39.0450, 41.8369**, and **4.5382, 5.7628, 6.0274** is the 20% darker color. If you saturate the color by 10%, you get **13.2648, 16.8417, 17.4508**, and if you desaturate by 10%, it is **16.1673, 18.2921, 19.6589**.

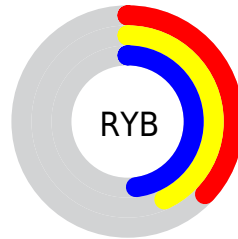
Distribution



Red (37%)

Green (48%)

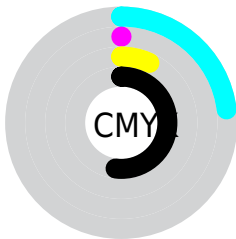
Blue (45%)



Red (37%)

Yellow (43%)

Blue (48%)

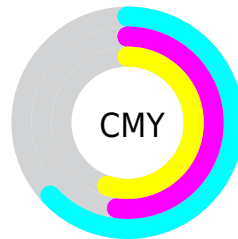


Cyan (23%)

Magenta (0%)

Yellow (7%)

Black (52%)



Cyan (63%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6129, 17.5137, 18.5299 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 14.6129, 17.5137, 18.5299 by changing the saturation by 10% instead.

■ 14.6129, 17.5137,
18.5299

■ 14.6129, 17.5137,
18.5299

214.4463,
238.1155, 256.1768

■ 8.6327, 10.6014,
11.1577

■ 33.7499, 39.2069,
41.7643

■ 4.5576, 5.7995,
6.0575

■ 47.6374, 54.7566,
58.4636

■ 2.0222, 2.7236,
2.8107

■ 64.8914, 73.9543,
79.1090

■ 0.6464, 0.9892,
0.9988

■ 85.8773, 97.1843,
104.1190

■ 0.0000, 0.0000,
0.0000

110.9603,
124.8310, 133.9123

140.5060,

157.2789, 168.9073

174.8795,
194.9123, 209.5226

■ 14.6129, 17.5137,
18.5299

■ 14.6129, 17.5137,
18.5299

■ 13.2648, 16.8417,
17.4508

■ 16.1673, 18.2921,
19.6589

■ 12.1123, 16.2692,
16.4196

■ 17.9353, 19.1793,
20.8374

■ 11.1456, 15.7916,
15.4357

■ 19.9257, 20.1802,
22.0667

■ 10.3538, 15.4034,
14.4981

■ 22.1461, 21.2989,
23.3475

■ 9.7247, 15.0981,
13.6059

■ 24.6041, 22.5390,
24.6806

■ 9.2444, 14.8688,
12.7579

■ 27.3066, 23.9043,
26.0666

■ 8.8958, 14.7066,
11.9528

■ 30.2604, 25.3983,
27.5065

■ 8.6859, 14.6102,
11.4089

■ 33.4722, 27.0243,
29.0007

■ 36.9480, 28.7854,
30.5500

Harmonies

Analogous

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



14.9635, 17.5137, 15.7697



14.6129, 17.5137, 18.5299



14.7871, 17.5137, 21.7536

Triad

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



14.6129, 17.5137, 18.5299



17.5588, 17.5137, 25.1585



17.9024, 17.5137, 14.5009

Complementary

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



14.6129, 17.5137, 18.5299



14.4276, 13.1027, 14.3398

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.



18.6551, 17.5137, 16.6157



14.6129, 17.5137, 18.5299



18.4506, 17.5137, 22.8000

Square

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



14.6129, 17.5137, 18.5299



16.4568, 17.5137, 25.8160



18.8600, 17.5137, 19.6194



16.8372, 17.5137, 13.6143

Rectangle

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



14.6129, 17.5137, 18.5299



15.1816, 17.5137, 23.7075



18.8600, 17.5137, 19.6194



18.2022, 17.5137, 15.0795

Sweetspot

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



14.6134, 17.5144, 18.5303



30.1936, 33.0584, 35.7724



14.5054, 17.5762, 13.2179



6.8747, 7.5442, 8.1601



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.



14.6134, 17.5144, 18.5303



24.3071, 30.1122, 31.5014



14.4211, 16.3687, 20.8127



4.0605, 4.4938, 4.8527



9.1407, 15.3800, 11.9919



43.2217, 73.2117, 55.1987

Inverse Universe

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



14.4276, 13.1027, 14.3398



23.9157, 20.7948, 22.6555



14.5659, 13.9840, 12.5214



4.0411, 4.0321, 4.4138



8.7641, 4.4818, 2.0488



41.4823, 21.2493, 8.0701

Previews

White Background



This preview shows how the XYZ color 14.6129, 17.5137, 18.5299 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 14.6129, 17.5137, 18.5299 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 14.6129, 17.5137, 18.5299

Background



This preview shows how black text looks on a background with the XYZ color 14.6129, 17.5137, 18.5299.



This preview shows how white text looks on a background with the XYZ color 14.6129, 17.5137,

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

14.6129, 17.5137, 18.5299

Protanopia

16.5530, 17.3092, 17.2204

Deuteranopia

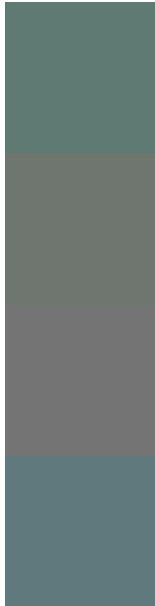
17.6990, 17.3613, 18.9412



Tritanopia

15.6087, 17.5593, 23.3355

Trichromacy



Original Color

14.6129, 17.5137, 18.5299

Protanomaly

15.7781, 17.4196, 17.5696

Deuteranomaly

16.4101, 17.3734, 18.7082

Tritanomaly

15.2993, 17.6168, 21.6628

Monochromacy



Original Color

14.6129, 17.5137, 18.5299

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1699, 16.7472, 18.0558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6129, 17.5137, 18.5299 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(94, 122, 114) looks like.

```
.text, #text, p{  
    color:rgb(94, 122, 114)  
}
```

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(94, 122, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 122, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.6129, 17.5137, 18.5299 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(94, 122, 114) }
```


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

```
.border{ border-color:rgb(94, 122, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 122, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(94, 122,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6129, 17.5137, 18.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 122, 114) }
```

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

```
.background{ background-color: rgb(94, 122,  
114) }
```

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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