

Converting Colors

XYZ(14.9264, 17.6555, 27.3586)

Have a look what the booklet for
XYZ(14.9264, 17.6555, 27.3586)
contains.

XYZ(14.9585, 17.6791, 27.4349)	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(14.9585, 17.6791,
27.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7B8C
RGB	78, 123, 140
RGB Percent	31%, 48%, 55%
CMY	0.6941, 0.5176, 0.4510
CMYK	0.44, 0.12, 0.00, 0.45
HSL	196°, 28%, 43%
HSV	196°, 44%, 55%
XYZ	14.9585, 17.6791, 27.4349
YIQ	111.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

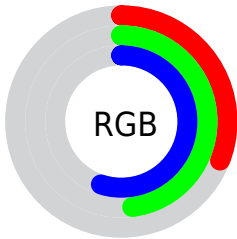
Format	Color
R_{YB}	78, 104, 140
Decimal	5143436
CIE _{Lab}	49.10, -10.67, -14.07
CIE _{LCh}	49, 17.661, 232.827
Yxy	17.6791, 0.2490, 0.2943
Android (android.graphics.Color)	4283333516 (0xFF4E7B8C)
YUV	111.4830, 14.0589, -29.3646
Hunter-Lab	42.0465, -10.0781, -9.2535

Details

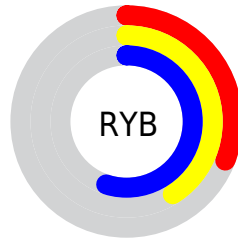
The XYZ color **14.9585, 17.6791, 27.4349** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.2829, 14.3103, 9.1123**, and the grayscale version is **15.2174, 16.0099, 17.4348**.

A 20% lighter version of the original color is **34.2735, 39.3008, 56.8183**, and **4.6951, 5.8424, 10.5531** is the 20% darker color. If you saturate the color by 10%, you get **13.4646, 16.2162, 27.2316**, and if you desaturate by 10%, it is **16.7165, 19.3066, 27.6567**.

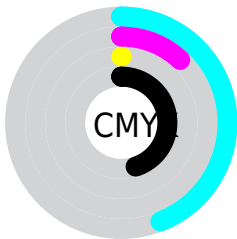
Distribution



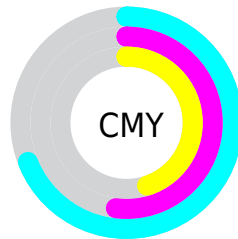
- Red (31%)
- Green (48%)
- Blue (55%)



- Red (31%)
- Yellow (41%)
- Blue (55%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9585, 17.6791, 27.4349 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 14.9585, 17.6791, 27.4349 by changing the saturation by 10% instead.

■ 14.9585, 17.6791,
27.4349

■ 14.9585, 17.6791,
27.4349

216.5083,
239.0560, 303.5832

■ 8.8764, 10.7198,
17.6648

■ 34.3526, 39.4898,
56.5932

■ 4.7171, 5.8788,
10.5427

■ 48.3953, 55.1099,
76.8184

■ 2.1153, 2.7715,
5.6499

■ 65.8223, 74.3859,
101.3657

■ 0.6975, 1.0136,
2.5681

■ 86.9989, 97.7020,
130.6537

■ 0.0000, 0.0000,
0.8759

■ 112.2904,
125.4427, 165.1010

■ 0.0000, 0.0000,
0.0000

142.0622,

157.9923, 205.1259

176.6797,
195.7353, 251.1472

■ 14.9585, 17.6791,
27.4349

■ 14.9585, 17.6791,
27.4349

■ 13.4646, 16.2162,
27.2316

■ 16.7165, 19.3066,
27.6567

■ 12.2171, 14.9074,
27.0447

■ 18.7512, 21.1044,
27.8965

■ 11.1990, 13.7440,
26.8738

■ 21.0767, 23.0805,
28.1553

■ 10.3901, 12.7151,
26.7179

■ 23.7054, 25.2415,
28.4339

■ 9.7650, 11.8075,
26.5756

■ 26.6491, 27.5937,
28.7328

■ 9.4473, 11.3208,
26.4984

■ 29.9187, 30.1433,
29.0526

■ 33.5249, 32.8958,
29.3938

■ 37.4777, 35.8568,
29.7570

■ 41.7866, 39.0315,
30.1426

Harmonies

Analogous

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



14.0457, 17.6791, 22.9940



14.9585, 17.6791, 27.4349



16.4104, 17.6791, 29.7448

Triad

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



14.9585, 17.6791, 27.4349



20.1518, 17.6791, 20.4065



15.6025, 17.6791, 12.0309

Complementary

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



14.9585, 17.6791, 27.4349



16.2829, 14.3103, 9.1123

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.



17.2027, 17.6791, 11.5687



14.9585, 17.6791, 27.4349



19.9004, 17.6791, 15.9354

Square

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



14.9585, 17.6791, 27.4349



19.4603, 17.6791, 25.2779



18.7942, 17.6791, 12.8794



14.4002, 17.6791, 14.2650

Rectangle

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



14.9585, 17.6791, 27.4349



17.5177, 17.6791, 29.5373



18.7942, 17.6791, 12.8794



16.1089, 17.6791, 11.6799

Sweetspot

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



14.9591, 17.6798, 27.4353



37.6023, 41.0613, 49.6867



14.5648, 21.1940, 14.0394



8.4638, 9.2939, 11.4272



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.



14.9591, 17.6798, 27.4353



23.7787, 28.6304, 48.0159



11.7437, 11.2491, 26.3635



5.0589, 5.4606, 6.3932



8.4112, 10.0927, 23.5505



0.0681, 0.0915, 0.1605

Inverse Universe

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



17.1152, 12.4548, 20.2416



28.2183, 18.6994, 33.0184



19.5921, 20.9286, 10.2153



5.1763, 5.1060, 6.0170



11.7324, 5.8031, 11.6270



0.0841, 0.0410, 0.1098

Previews

White Background



This preview shows how the XYZ color 14.9585, 17.6791, 27.4349 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 14.9585, 17.6791, 27.4349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

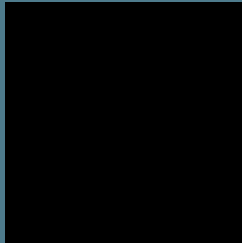
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9585, 17.6791, 27.4349

Background



This preview shows how black text looks on a background with the XYZ color 14.9585, 17.6791, 27.4349.



This preview shows how white text looks on a background with the XYZ color 14.9585, 17.6791,

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

14.9585, 17.6791, 27.4349

Protanopia

17.3140, 17.5214, 25.3911

Deuteranopia

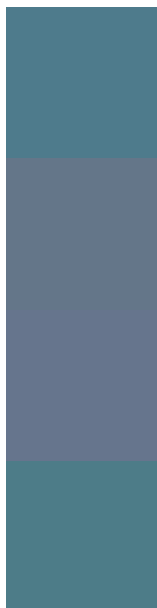
17.9700, 17.6325, 28.0475



Tritanopia

14.4912, 17.6730, 25.2017

Trichromacy



Original Color

14.9585, 17.6791, 27.4349

Protanomaly

16.2493, 17.4723, 26.1830

Deuteranomaly

16.6485, 17.4704, 27.6940

Tritanomaly

14.7122, 17.7707, 25.9472

Monochromacy



Original Color

14.9585, 17.6791, 27.4349

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7892, 16.3193, 20.7828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9585, 17.6791, 27.4349 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(78, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(78, 123, 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(78, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 123, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.9585, 17.6791, 27.4349 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(78, 123, 140) }
```


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

```
.border{ border-color:rgb(78, 123, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(78, 123,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9585, 17.6791, 27.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 123, 140) }
```

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

```
.background{ background-color: rgb(78, 123,  
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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