

Converting Colors

XYZ(14.3972, 16.7966, 25.4818)

Have a look what the booklet for
XYZ(14.3972, 16.7966, 25.4818)
contains.

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Color

**XYZ(14.4830, 16.9315,
25.4264)**

Conversions

Conversions Part 1

Format	Color
Hex	517887
RGB	81, 120, 135
RGB Percent	32%, 47%, 53%
CMY	0.6823, 0.5294, 0.4706
CMYK	0.40, 0.11, 0.00, 0.47
HSL	197°, 25%, 42%
HSV	197°, 40%, 53%
XYZ	14.4830, 16.9315, 25.4264
YIQ	110.0490, -28.0590, -3.6030

Conversions

Conversions Part 2

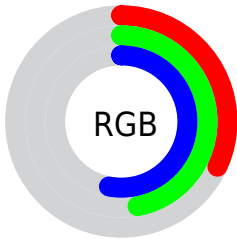
Format	Color
R_{YB}	81, 104, 135
Decimal	5339271
CIE _{Lab}	48.17, -9.55, -12.52
CIE _{LCh}	48, 15.743, 232.657
Yxy	16.9315, 0.2548, 0.2979
Android (android.graphics.Color)	4283529351 (0xFF517887)
YUV	110.0490, 12.3008, -25.4760
Hunter-Lab	41.1479, -9.1814, -7.8334

Details

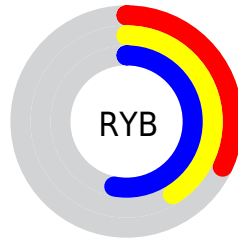
The XYZ color **14.4830, 16.9315, 25.4264** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.6601, 14.1112, 9.6835**, and the grayscale version is **14.8071, 15.5782, 16.9647**.

A 20% lighter version of the original color is **33.5025, 38.1224, 53.1695**, and **4.5221, 5.5819, 9.4334** is the 20% darker color. If you saturate the color by 10%, you get **12.9971, 15.5094, 25.2305**, and if you desaturate by 10%, it is **16.2177, 18.5088, 25.6397**.

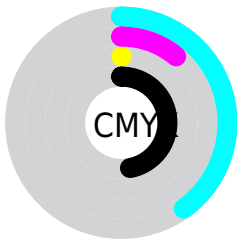
Distribution



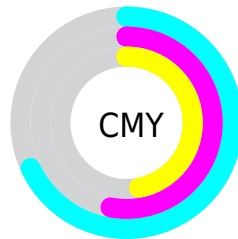
- Red (32%)
- Green (47%)
- Blue (53%)



- Red (32%)
- Yellow (41%)
- Blue (53%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4830, 16.9315, 25.4264 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 14.4830, 16.9315, 25.4264 by changing the saturation by 10% instead.

■ 14.4830, 16.9315,
25.4264

■ 14.4830, 16.9315,
25.4264

213.6663,
234.7773, 293.4702

■ 8.5413, 10.1857,
16.1731

■ 33.5228, 38.2080,
53.3208

■ 4.4979, 5.5222,
9.4911

■ 47.3516, 53.5074,
72.7990

■ 1.9875, 2.5568,
4.9617

■ 64.5401, 72.4268,
96.5226

■ 0.6269, 0.9050,
2.1664

■ 85.4537, 95.3506,
124.9101

■ 0.0000, 0.0000,
0.6549

■ 110.4578,
122.6631, 158.3801

■ 0.0000, 0.0000,
0.0000

139.9177,

154.7488, 197.3510

174.1987,
191.9921, 242.2416

■ 14.4830, 16.9315,
25.4264

■ 14.4830, 16.9315,
25.4264

■ 12.9971, 15.5094,
25.2305

■ 16.2177, 18.5088,
25.6397

■ 11.7444, 14.2331,
25.0502

■ 18.2123, 20.2463,
25.8700

■ 10.7102, 13.0951,
24.8850

■ 20.4792, 22.1509,
26.1181

■ 9.8771, 12.0860,
24.7342

■ 23.0296, 24.2288,
26.3848

■ 9.2249, 11.1952,
24.5966

■ 25.8739, 26.4855,
26.6704

■ 8.6945, 10.3919,
24.4695

■ 29.0220, 28.9265,
26.9757

■ 8.6944, 10.3917,
24.4695

■ 32.4833, 31.5569,
27.3010

■ 36.2669, 34.3816,
27.6468

■ 40.3814, 37.4052,
28.0135

Harmonies

Analogous

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



13.6880, 16.9315, 21.6362



14.4830, 16.9315, 25.4264



15.7443, 16.9315, 27.3938

Triad

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



14.4830, 16.9315, 25.4264



18.9749, 16.9315, 19.4597



15.0574, 16.9315, 12.0852

Complementary

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



14.4830, 16.9315, 25.4264



15.6601, 14.1112, 9.6835

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.



16.4466, 16.9315, 11.6802



14.4830, 16.9315, 25.4264



18.7641, 16.9315, 15.5672

Square

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



14.4830, 16.9315, 25.4264



18.3778, 16.9315, 23.6329



17.8179, 16.9315, 12.8601



14.0057, 16.9315, 14.0622

Rectangle

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



14.4830, 16.9315, 25.4264



16.7025, 16.9315, 27.2291



17.8179, 16.9315, 12.8601



15.4983, 16.9315, 11.7739

Sweetspot

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



14.4835, 16.9322, 25.4268



35.7083, 38.8664, 46.6683



14.1416, 19.9112, 14.0205



8.1647, 8.9135, 10.7965



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.4835, 16.9322, 25.4268



23.5029, 27.9981, 45.2138



11.7343, 11.4336, 24.5104



4.6952, 5.0660, 5.9311



8.0288, 9.6054, 22.5676



0.0340, 0.0456, 0.0802

Inverse Universe

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



16.3247, 12.3924, 19.3015



27.3844, 19.0743, 32.1554



18.4860, 19.7629, 10.6255



4.8042, 4.7414, 5.5811



11.2307, 5.5566, 11.0530



0.0420, 0.0205, 0.0546

Previews

White Background



This preview shows how the XYZ color 14.4830, 16.9315, 25.4264 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 14.4830, 16.9315, 25.4264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

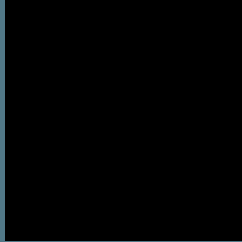
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4830, 16.9315, 25.4264

Background



This preview shows how black text looks on a background with the XYZ color 14.4830, 16.9315, 25.4264.



This preview shows how white text looks on a background with the XYZ color 14.4830, 16.9315,

25.4264.

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

14.4830, 16.9315, 25.4264

Protanopia

16.4899, 16.8015, 23.4930

Deuteranopia

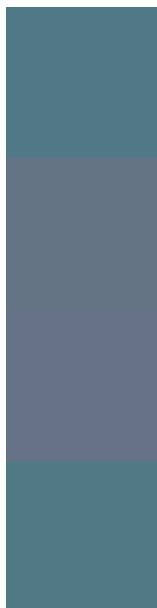
17.1392, 16.7524, 25.9971



Tritanopia

14.1749, 16.9919, 23.6518

Trichromacy



Original Color

14.4830, 16.9315, 25.4264

Protanomaly

15.6658, 16.8661, 24.2596

Deuteranomaly

15.9407, 16.6370, 25.6636

Tritanomaly

14.3105, 17.0462, 24.3658

Monochromacy



Original Color

14.4830, 16.9315, 25.4264

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4927, 16.0192, 19.7809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4830, 16.9315, 25.4264 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(81, 120, 135)` looks like.

```
.text, #text, p{  
    color:rgb(81, 120, 135)  
}
```

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(81, 120, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 120, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.4830, 16.9315, 25.4264 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(81, 120, 135) }
```


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

```
.border{ border-color:rgb(81, 120, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 120, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 120, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 120, 135);  
box-shadow:4px 4px 4px 4px rgb(81, 120,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4830, 16.9315, 25.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 120, 135) }
```

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

```
.background{ background-color: rgb(81, 120,  
135) }
```

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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