

Converting Colors

XYZ(14.9770, 15.4615, 25.4877)

Have a look what the booklet for
XYZ(14.9770, 15.4615, 25.4877)
contains.

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Color

**XYZ(14.9496, 15.4708,
25.4908)**

Conversions

Conversions Part 1

Format	Color
Hex	616E88
RGB	97, 110, 136
RGB Percent	38%, 43%, 53%
CMY	0.6196, 0.5686, 0.4667
CMYK	0.29, 0.19, 0.00, 0.47
HSL	220°, 17%, 46%
HSV	220°, 29%, 53%
XYZ	14.9496, 15.4708, 25.4908
YIQ	109.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

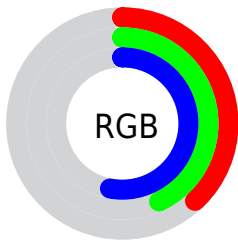
Format	Color
R_{YB}	97, 107, 136
Decimal	6385288
CIE Lab	46.27, 1.48, -15.90
CIE LCh	46, 15.967, 275.329
Yxy	15.4708, 0.2674, 0.2767
Android (android.graphics.Color)	4284575368 (0xFF616E88)
YUV	109.0770, 13.2730, -10.5915
Hunter-Lab	39.3329, -0.9886, -10.8915

Details

The XYZ color **14.9496, 15.4708, 25.4908** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.3942, 20.2633, 14.1987**, and the grayscale version is **14.5248, 15.2812, 16.6413**.

A 20% lighter version of the original color is **34.1429, 35.4598, 53.1890**, and **4.7238, 4.8799, 9.4970** is the 20% darker color. If you saturate the color by 10%, you get **12.6943, 12.9298, 25.1195**, and if you desaturate by 10%, it is **17.5545, 18.3413, 25.9078**.

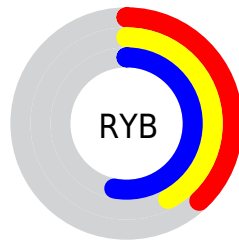
Distribution



Red (38%)

Green (43%)

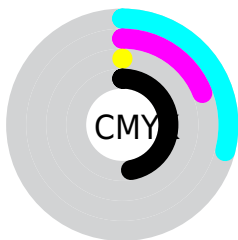
Blue (53%)



Red (38%)

Yellow (42%)

Blue (53%)

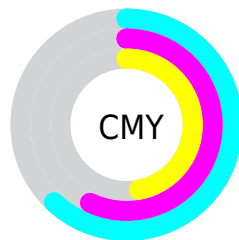


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9496, 15.4708, 25.4908 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 14.9496, 15.4708, 25.4908 by changing the saturation by 10% instead.

■ 14.9496, 15.4708,
25.4908

■ 14.9496, 15.4708,
25.4908

216.4554,
226.1984, 293.7989

■ 8.8701, 9.1505,
16.2208

■ 34.3371, 35.6770,
53.4263

■ 4.7130, 4.8395,
9.5245

■ 48.3759, 50.3317,
72.9288

■ 2.1129, 2.1534,
4.9834

■ 65.7984, 68.5333,
96.6792

■ 0.6962, 0.6944,
2.1789

■ 86.9701, 90.6661,
125.0961

■ 0.0000, 0.0000,
0.6622

112.2563,
117.1147, 158.5980

■ 0.0000, 0.0000,
0.0000

142.0223,

148.2633, 197.6034

176.6336,
184.4964, 242.5309

■ 14.9496, 15.4708,
25.4908

■ 14.9496, 15.4708,
25.4908

■ 12.6943, 12.9298,
25.1195

■ 17.5545, 18.3413,
25.9078

■ 10.7713, 10.7040,
24.7912

■ 20.5221, 21.5513,
26.3710

■ 9.1644, 8.7806,
24.5046

■ 23.8668, 25.1126,
26.8821

■ 7.8548, 7.1451,
24.2580

■ 27.6014, 29.0358,
27.4426

■ 6.8221, 5.7817,
24.0492

■ 31.7385, 33.3312,
28.0536

■ 6.0426, 4.6727,
23.8763

■ 36.2898, 38.0085,
28.7165

■ 5.4647, 3.7855,
23.7355

■ 41.2667, 43.0770,
29.4325

■ 5.3953, 3.6802,
23.7188

■ 46.6801, 48.5459,
30.2028

■ 52.5404, 54.4238,
31.0285

Harmonies

Analogous

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



13.6361, 15.4708, 24.6391



14.9496, 15.4708, 25.4908



16.2748, 15.4708, 23.7506

Triad

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



14.9496, 15.4708, 25.4908



16.9510, 15.4708, 12.8621



12.4465, 15.4708, 13.8988

Complementary

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



14.9496, 15.4708, 25.4908



19.3942, 20.2633, 14.1987

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.



13.2386, 15.4708, 11.4275



14.9496, 15.4708, 25.4908



15.8273, 15.4708, 10.8970

Square

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



14.9496, 15.4708, 25.4908



17.4752, 15.4708, 16.1567



14.4622, 15.4708, 10.4154



12.2434, 15.4708, 17.5528

Rectangle

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



14.9496, 15.4708, 25.4908



16.9701, 15.4708, 21.4922



14.4622, 15.4708, 10.4154



12.6502, 15.4708, 12.9213

Sweetspot

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



14.9501, 15.4714, 25.4912



35.8778, 37.6704, 46.4285



17.2688, 21.5639, 21.7787



8.1450, 8.5479, 10.7269



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.



14.9501, 15.4714, 25.4912



23.8648, 24.4822, 44.5161



14.2953, 13.2021, 25.0876



4.9020, 5.1470, 6.3410



5.1143, 3.4990, 22.4515



0.0464, 0.0481, 0.1533

Inverse Universe

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



17.2429, 14.9098, 16.7216



28.6021, 23.5239, 26.3515



20.1911, 23.2294, 14.7292



5.0972, 5.0743, 5.6002



10.0683, 5.1374, 2.8639



0.0732, 0.0366, 0.0520

Previews

White Background



This preview shows how the XYZ color 14.9496, 15.4708, 25.4908 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 14.9496, 15.4708, 25.4908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

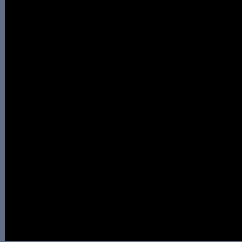
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

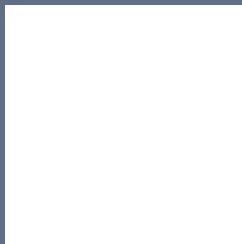
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9496, 15.4708, 25.4908

Background



This preview shows how black text looks on a background with the XYZ color 14.9496, 15.4708, 25.4908.



This preview shows how white text looks on a background with the XYZ color 14.9496, 15.4708,

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

14.9496, 15.4708, 25.4908

Protanopia

15.3293, 15.3580, 25.0781

Deuteranopia

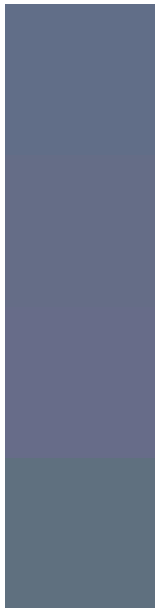
15.7169, 15.3857, 25.8083



Tritanopia

14.0341, 15.5951, 20.6828

Trichromacy



Original Color

14.9496, 15.4708, 25.4908

Protanomaly

15.2086, 15.4532, 25.1029

Deuteranomaly

15.4714, 15.4148, 25.8268

Tritanomaly

14.3443, 15.5535, 22.3248

Monochromacy



Original Color

14.9496, 15.4708, 25.4908

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6241, 15.2724, 19.6299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9496, 15.4708, 25.4908 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(97, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(97, 110, 136)  
}
```

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(97, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 110, 136) }
```

Border

The CSS property to change the border of an element to XYZ 14.9496, 15.4708, 25.4908 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(97, 110, 136) }
```


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

```
.border{ border-color:rgb(97, 110, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 110, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 110, 136);  
box-shadow:4px 4px 4px 4px rgb(97, 110,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9496, 15.4708, 25.4908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 110, 136) }
```

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

```
.background{ background-color: rgb(97, 110,  
136) }
```

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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