

Converting Colors

XYZ(14.4876, 15.9728, 25.0811)

Have a look what the booklet for
XYZ(14.4876, 15.9728, 25.0811)
contains.

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Color

**XYZ(14.5103, 15.9077,
25.2274)**

Conversions

Conversions Part 1

Format	Color
Hex	597287
RGB	89, 114, 135
RGB Percent	35%, 45%, 53%
CMY	0.6510, 0.5529, 0.4706
CMYK	0.34, 0.16, 0.00, 0.47
HSL	207°, 21%, 44%
HSV	207°, 34%, 53%
XYZ	14.5103, 15.9077, 25.2274
YIQ	108.9190, -21.6410, 1.2310

Conversions

Conversions Part 2

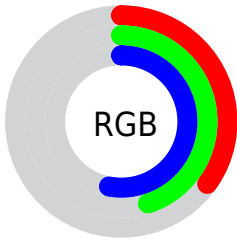
Format	Color
R_{YB}	89, 105, 135
Decimal	5862023
CIE Lab	46.85, -3.69, -14.47
CIE LCh	47, 14.934, 255.693
Yxy	15.9077, 0.2608, 0.2859
Android (android.graphics.Color)	4284052103 (0xFF597287)
YUV	108.9190, 12.8579, -17.4690
Hunter-Lab	39.8845, -4.8580, -9.5825

Details

The XYZ color **14.5103, 15.9077, 25.2274** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3711, 17.0243, 11.8221**, and the grayscale version is **14.4824, 15.2366, 16.5926**.

A 20% lighter version of the original color is **33.5285, 36.4787, 52.8509**, and **4.5024, 5.0237, 9.3267** is the 20% darker color. If you saturate the color by 10%, you get **12.6599, 13.9567, 24.9486**, and if you desaturate by 10%, it is **16.6461, 18.0762, 25.5337**.

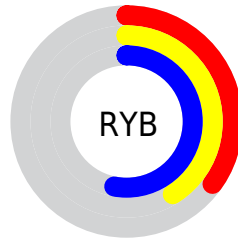
Distribution



Red (35%)

Green (45%)

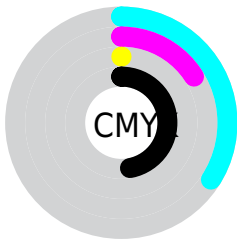
Blue (53%)



Red (35%)

Yellow (41%)

Blue (53%)

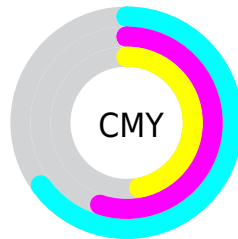


Cyan (34%)

Magenta (16%)

Yellow (0%)

Black (47%)



Cyan (65%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5103, 15.9077, 25.2274 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 14.5103, 15.9077, 25.2274 by changing the saturation by 10% instead.

■ 14.5103, 15.9077,
25.2274

■ 14.5103, 15.9077,
25.2274

213.8304,
228.7965, 292.4524

■ 8.5605, 9.4589,
16.0260

■ 33.5705, 36.4379,
52.9946

■ 4.5104, 5.0417,
9.3880

■ 47.4117, 51.2880,
72.3974

■ 1.9948, 2.2717,
4.8949

■ 64.6140, 69.7074,
96.0379

■ 0.6310, 0.7587,
2.1280

■ 85.5428, 92.0804,
124.3344

■ 0.0000, 0.0000,
0.6324

110.5635,
118.7914, 157.7056

■ 0.0000, 0.0000,
0.0000

140.0414,

150.2248, 196.5699

174.3420,
186.7650, 241.3460

■ 14.5103, 15.9077,
25.2274

■ 14.5103, 15.9077,
25.2274

■ 12.6599, 13.9567,
24.9486

■ 16.6461, 18.0762,
25.5337

■ 11.0796, 12.2127,
24.6953

■ 19.0788, 20.4681,
25.8671

■ 9.7546, 10.6671,
24.4668

■ 21.8210, 23.0918,
26.2290

■ 8.6680, 9.3099,
24.2621

■ 24.8839, 25.9542,
26.6201

■ 7.8008, 8.1295,
24.0800

■ 28.2784, 29.0622,
27.0411

■ 7.1290, 7.1121,
23.9190

■ 32.0147, 32.4222,
27.4927

■ 6.7803, 6.5634,
23.8315

■ 36.1025, 36.0405,
27.9757

■ 40.5514, 39.9229,
28.4906

■ 45.3702, 44.0753,
29.0381

Harmonies

Analogous

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



13.4397, 15.9077, 22.9672



14.5103, 15.9077, 25.2274



15.8062, 15.9077, 25.1698

Triad

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



14.5103, 15.9077, 25.2274



17.6570, 15.9077, 15.4551



13.4001, 15.9077, 12.7849

Complementary

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



14.5103, 15.9077, 25.2274



17.3711, 17.0243, 11.8221

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.



14.4535, 15.9077, 11.3010



14.5103, 15.9077, 25.2274



16.9344, 15.9077, 12.6851

Square

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



14.5103, 15.9077, 25.2274



17.6743, 15.9077, 19.1513



15.7461, 15.9077, 11.2673



12.8241, 15.9077, 15.6108

Rectangle

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



14.5103, 15.9077, 25.2274



16.6260, 15.9077, 23.8117



15.7461, 15.9077, 11.2673



13.7074, 15.9077, 12.1317

Sweetspot

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



14.5108, 15.9083, 25.2278



35.9895, 38.4127, 46.5659



15.5824, 20.5714, 17.8162



8.1984, 8.7649, 10.7660



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.



14.5108, 15.9083, 25.2278



23.3436, 25.7146, 44.7814



12.2602, 11.4072, 24.4776



4.6285, 4.9327, 5.9089



6.2656, 6.0791, 21.9798



0.0290, 0.0357, 0.0786

Inverse Universe

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



16.6017, 13.5110, 17.6531



27.7837, 21.0705, 28.5963



20.1417, 22.5655, 12.7457



4.7705, 4.7279, 5.4039



10.3407, 5.2006, 6.3665



0.0395, 0.0195, 0.0415

Previews

White Background



This preview shows how the XYZ color 14.5103, 15.9077, 25.2274 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 14.5103, 15.9077, 25.2274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

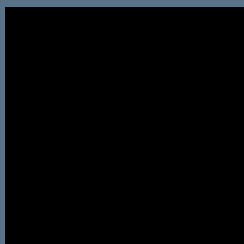
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

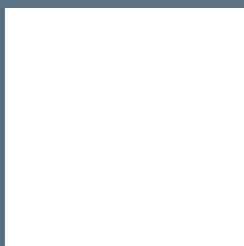
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5103, 15.9077, 25.2274

Background



This preview shows how black text looks on a background with the XYZ color 14.5103, 15.9077, 25.2274.



This preview shows how white text looks on a background with the XYZ color 14.5103, 15.9077,

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

14.5103, 15.9077, 25.2274

Protanopia

15.6846, 15.8820, 24.0687

Deuteranopia

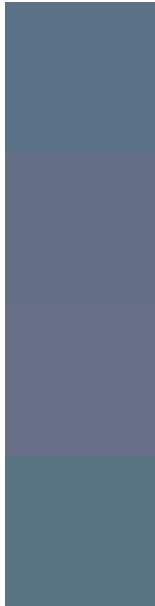
16.1132, 15.7539, 25.4841



Tritanopia

13.8775, 15.9977, 21.7585

Trichromacy



Original Color

14.5103, 15.9077, 25.2274

Protanomaly

15.1736, 15.7717, 24.4348

Deuteranomaly

15.4994, 15.7542, 25.5165

Tritanomaly

14.1177, 15.9212, 23.0979

Monochromacy



Original Color

14.5103, 15.9077, 25.2274

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4339, 15.5017, 19.3709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5103, 15.9077, 25.2274 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(89, 114, 135) looks like.

```
.text, #text, p{  
    color:rgb(89, 114, 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(89, 114, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 114, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.5103, 15.9077, 25.2274 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(89, 114, 135) }
```


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

```
.border{ border-color:rgb(89, 114, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 114, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 114, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 114, 135);  
box-shadow:4px 4px 4px 4px rgb(89, 114,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5103, 15.9077, 25.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 114, 135) }
```

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

```
.background{ background-color: rgb(89, 114,  
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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