

Converting Colors

XYZ(15.4042, 15.5913, 25.9946)

Have a look what the booklet for
XYZ(15.4042, 15.5913, 25.9946)
contains.

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Color

**XYZ(15.3508, 15.5101,
25.8516)**

Conversions

Conversions Part 1

Format	Color
Hex	656D89
RGB	101, 109, 137
RGB Percent	40%, 43%, 54%
CMY	0.6039, 0.5725, 0.4627
CMYK	0.26, 0.20, 0.00, 0.46
HSL	227°, 15%, 47%
HSV	227°, 26%, 54%
XYZ	15.3508, 15.5101, 25.8516
YIQ	109.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

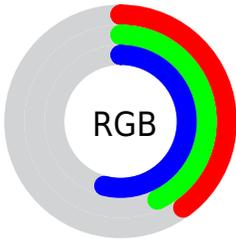
Format	Color
R_{YB}	101, 108, 137
Decimal	6647177
CIE _{Lab}	46.33, 3.65, -16.39
CIE _{LCh}	46, 16.788, 282.554
Yxy	15.5101, 0.2707, 0.2735
Android (android.graphics.Color)	4284837257 (0xFF656D89)
YUV	109.8000, 13.4096, -7.7176
Hunter-Lab	39.3829, 0.6564, -11.3510

Details

The XYZ color **15.3508, 15.5101, 25.8516** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.5159, 21.9586, 15.4694**, and the grayscale version is **14.7297, 15.4968, 16.8761**.

A 20% lighter version of the original color is **35.0019, 35.6316, 53.7480**, and **4.9111, 4.8903, 9.7019** is the 20% darker color. If you saturate the color by 10%, you get **12.8743, 12.6474, 25.4298**, and if you desaturate by 10%, it is **18.2218, 18.7815, 26.3320**.

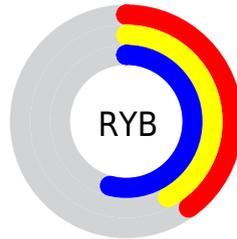
Distribution



Red (40%)

Green (43%)

Blue (54%)



Red (40%)

Yellow (42%)

Blue (54%)

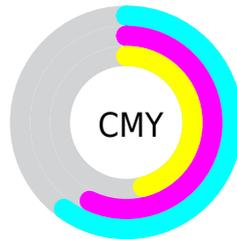


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3508, 15.5101, 25.8516 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 15.3508, 15.5101, 25.8516 by changing the saturation by 10% instead.

■ 15.3508, 15.5101,
25.8516

■ 15.3508, 15.5101,
25.8516

218.8263,
226.4333, 295.6351

■ 9.1539, 9.1782,
16.4879

■ 35.0340, 35.7456,
54.0166

■ 4.8996, 4.8576,
9.7120

■ 49.2511, 50.4179,
73.6549

■ 2.2226, 2.1639,
5.1053

■ 66.8722, 68.6392,
97.5552

■ 0.7546, 0.7002,
2.2494

■ 88.2627, 90.7938,
126.1361

■ 0.0000, 0.0000,
0.7026

113.7881,
117.2661, 159.8159

■ 0.0000, 0.0000,
0.0000

143.8135,

148.4405, 199.0133

178.7045,
184.7015, 244.1469

■ 15.3508, 15.5101,
25.8516

■ 15.3508, 15.5101,
25.8516

■ 12.8743, 12.6474,
25.4298

■ 18.2218, 18.7815,
26.3320

■ 10.7733, 10.1752,
25.0634

■ 21.5024, 22.4752,
26.8720

■ 9.0294, 8.0766,
24.7502

■ 25.2084, 26.6063,
27.4741

■ 7.6218, 6.3328,
24.4878

■ 29.3546, 31.1887,
28.1401

■ 6.5277, 4.9232,
24.2734

■ 33.9550, 36.2357,
28.8718

■ 5.7212, 3.8248,
24.1039

■ 39.0228, 41.7600,
29.6710

■ 5.1632, 3.0070,
23.9755

■ 44.5710, 47.7738,
30.5393

■ 4.9911, 2.7576,
23.9364

■ 50.6118, 54.2888,
31.4784

■ 57.1570, 61.3164,
32.4899

Harmonies

Analogous

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



13.9287, 15.5101, 25.6201



15.3508, 15.5101, 25.8516



16.6910, 15.5101, 23.4151

Triad

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



15.3508, 15.5101, 25.8516



16.8729, 15.5101, 12.0807



12.2594, 15.5101, 14.6243

Complementary

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



15.3508, 15.5101, 25.8516



20.5159, 21.9586, 15.4694

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.



12.9507, 15.5101, 11.7026



15.3508, 15.5101, 25.8516



15.5861, 15.5101, 10.4064

Square

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



15.3508, 15.5101, 25.8516



17.6074, 15.5101, 15.2252



14.1493, 15.5101, 10.2803



12.2055, 15.5101, 18.6674

Rectangle

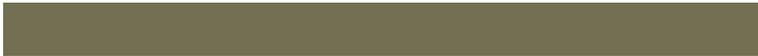
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.3508, 15.5101, 25.8516



17.3330, 15.5101, 20.8050



14.1493, 15.5101, 10.2803



12.4228, 15.5101, 13.4961

Sweetspot

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



15.3513, 15.5107, 25.8520



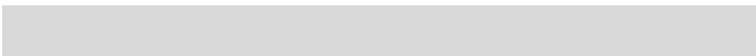
37.3324, 38.9323, 47.9302



18.2487, 22.2327, 23.9596



8.1901, 8.5264, 10.7204



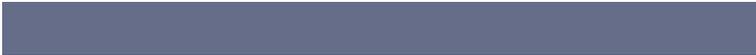
65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



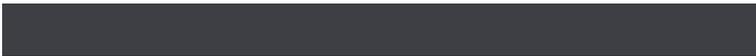
15.3513, 15.5107, 25.8520



24.5601, 24.3978, 45.7980



15.6747, 14.4675, 25.6336



4.8590, 5.0609, 6.3266



4.6570, 2.5844, 22.2991



0.0402, 0.0358, 0.1512

Inverse Universe

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



17.7309, 15.7303, 16.5704



29.6670, 25.0148, 25.8463



20.1070, 23.3740, 15.7642



5.0754, 5.0656, 5.4858



9.8375, 5.0451, 1.6484



0.0700, 0.0354, 0.0357

Previews

White Background



This preview shows how the XYZ color 15.3508, 15.5101, 25.8516 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 15.3508, 15.5101, 25.8516 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 15.3508, 15.5101, 25.8516

Background



This preview shows how black text looks on a background with the XYZ color 15.3508, 15.5101, 25.8516.



This preview shows how white text looks on a background with the XYZ color 15.3508, 15.5101,

25.8516.

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

15.3508, 15.5101, 25.8516

Protanopia

15.5775, 15.6270, 25.8622

Deuteranopia

15.7169, 15.3857, 25.8083



Tritanopia

14.2824, 15.5655, 20.3408

Trichromacy



Original Color

15.3508, 15.5101, 25.8516

Protanomaly

15.4635, 15.5682, 25.8569

Deuteranomaly

15.5868, 15.4743, 25.8322

Tritanomaly

14.6608, 15.5538, 22.3082

Monochromacy



Original Color

15.3508, 15.5101, 25.8516

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0295, 15.6337, 19.9948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3508, 15.5101, 25.8516 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(101, 109, 137)` looks like.

```
.text, #text, p{  
    color:rgb(101, 109, 137)  
}
```

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(101, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 109, 137) }
```

Border

The CSS property to change the border of an element to XYZ 15.3508, 15.5101, 25.8516 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(101, 109, 137) }
```

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

```
.border{ border-color:rgb(101, 109, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 109, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 109, 137);  
box-shadow:4px 4px 4px 4px rgb(101, 109,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3508, 15.5101, 25.8516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 109, 137) }
```

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

```
.background{ background-color: rgb(101,  
109, 137) }
```

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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