

Converting Colors

XYZ(15.3458, 16.6156, 25.7762)

Have a look what the booklet for
XYZ(15.3458, 16.6156, 25.7762)
contains.

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Color

**XYZ(15.4086, 16.7013,
25.7041)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7488
RGB	95, 116, 136
RGB Percent	37%, 45%, 53%
CMY	0.6274, 0.5451, 0.4667
CMYK	0.30, 0.15, 0.00, 0.47
HSL	209°, 18%, 45%
HSV	209°, 30%, 53%
XYZ	15.4086, 16.7013, 25.7041
YIQ	112.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

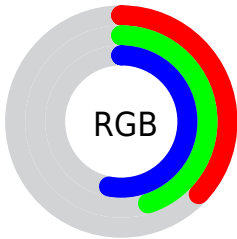
Format	Color
R_{YB}	95, 109, 136
Decimal	6255752
CIE _{Lab}	47.88, -2.72, -13.47
CIE _{LCh}	48, 13.738, 258.589
Yxy	16.7013, 0.2665, 0.2889
Android (android.graphics.Color)	4284445832 (0xFF5F7488)
YUV	112.0010, 11.8315, -14.9099
Hunter-Lab	40.8672, -4.2159, -8.6843

Details

The XYZ color **15.4086, 16.7013, 25.7041** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3497, 18.3218, 13.3961**, and the grayscale version is **15.3722, 16.1727, 17.6121**.

A 20% lighter version of the original color is **35.0420, 37.7904, 53.5915**, and **4.9191, 5.4105, 9.5892** is the 20% darker color. If you saturate the color by 10%, you get **13.3799, 14.5609, 25.3982**, and if you desaturate by 10%, it is **17.7396, 19.0794, 26.0405**.

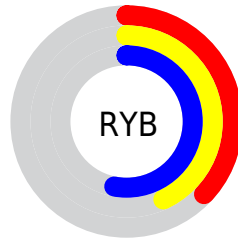
Distribution



Red (37%)

Green (45%)

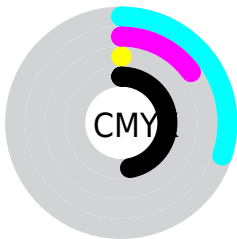
Blue (53%)



Red (37%)

Yellow (43%)

Blue (53%)

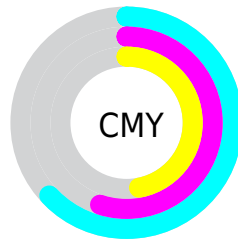


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4086, 16.7013, 25.7041 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 15.4086, 16.7013, 25.7041 by changing the saturation by 10% instead.

■ 15.4086, 16.7013,
25.7041

■ 15.4086, 16.7013,
25.7041

219.1659,
233.4451, 294.8856

■ 9.1948, 10.0218,
16.3786

■ 35.1342, 37.8115,
53.7754

■ 4.9266, 5.4134,
9.6352

■ 49.3768, 53.0109,
73.3583

■ 2.2386, 2.4918,
5.0554

■ 67.0263, 71.8191,
97.1975

■ 0.7630, 0.8725,
2.2205

■ 88.4481, 94.6204,
125.7114

■ 0.0000, 0.0000,
0.6861

114.0077,
121.7993, 159.3186

■ 0.0000, 0.0000,
0.0000

144.0702,

153.7401, 198.4377

179.0012,
190.8273, 243.4872

■ 15.4086, 16.7013,
25.7041

■ 15.4086, 16.7013,
25.7041

■ 13.3799, 14.5609,
25.3982

■ 17.7396, 19.0794,
26.0405

■ 11.6380, 12.6474,
25.1206

■ 20.3844, 21.7016,
26.4073

■ 10.1683, 10.9518,
24.8708

■ 23.3557, 24.5763,
26.8056

■ 8.9541, 9.4638,
24.6476

■ 26.6649, 27.7112,
27.2362

■ 7.9766, 8.1719,
24.4497

■ 30.3230, 31.1132,
27.7001

■ 7.2143, 7.0629,
24.2759

■ 34.3404, 34.7892,
28.1979

■ 6.6132, 6.1161,
24.1248

■ 38.7272, 38.7459,
28.7304

■ 43.4927, 42.9894,
29.2983

■ 48.6464, 47.5260,
29.9023

Harmonies

Analogous

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



14.3537, 16.7013, 23.7807



15.4086, 16.7013, 25.7041



16.6436, 16.7013, 25.4274

Triad

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



15.4086, 16.7013, 25.7041



18.2344, 16.7013, 16.1008



14.1579, 16.7013, 14.0449

Complementary

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



15.4086, 16.7013, 25.7041



18.3497, 18.3218, 13.3961

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.



15.1286, 16.7013, 12.4675



15.4086, 16.7013, 25.7041



17.4982, 16.7013, 13.5439

Square

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



15.4086, 16.7013, 25.7041



18.3190, 16.7013, 19.5647



16.3489, 16.7013, 12.2968



13.6570, 16.7013, 16.8715

Rectangle

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



15.4086, 16.7013, 25.7041



17.4027, 16.7013, 24.0393



16.3489, 16.7013, 12.2968



14.4377, 16.7013, 13.3676

Sweetspot

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



15.4091, 16.7020, 25.7045



36.3960, 38.7068, 46.6012



16.6077, 21.2751, 19.3959



8.2805, 8.8189, 10.7721



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.



15.4091, 16.7020, 25.7045



24.7249, 26.8848, 44.9345



13.3175, 12.5188, 25.0073



4.9726, 5.2881, 6.3645



6.2685, 5.8074, 22.8362



0.0563, 0.0679, 0.1566

Inverse Universe

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



17.3983, 14.6799, 18.4404



28.8697, 22.9933, 29.7266



20.9274, 23.4772, 14.2553



5.1328, 5.0886, 5.7877



10.6509, 5.3705, 5.9318



0.0782, 0.0386, 0.0784

Previews

White Background



This preview shows how the XYZ color 15.4086, 16.7013, 25.7041 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 15.4086, 16.7013, 25.7041 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

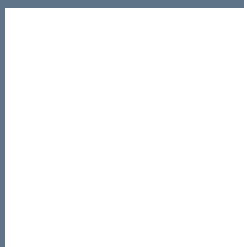
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4086, 16.7013, 25.7041

Background



This preview shows how black text looks on a background with the XYZ color 15.4086, 16.7013, 25.7041.



This preview shows how white text looks on a background with the XYZ color 15.4086, 16.7013,

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

15.4086, 16.7013, 25.7041

Protanopia

16.4039, 16.5608, 24.8862

Deuteranopia

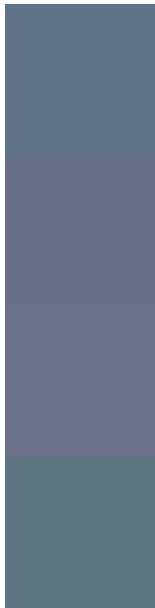
17.0098, 16.6857, 25.9911



Tritanopia

14.8234, 16.8163, 22.5433

Trichromacy



Original Color

15.4086, 16.7013, 25.7041

Protanomaly

15.9872, 16.5026, 25.2644

Deuteranomaly

16.3643, 16.6806, 26.0241

Tritanomaly

15.0066, 16.7140, 23.5543

Monochromacy



Original Color

15.4086, 16.7013, 25.7041

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3002, 16.2549, 20.4203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4086, 16.7013, 25.7041 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(95, 116, 136) looks like.

```
.text, #text, p{  
    color:rgb(95, 116, 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(95, 116, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 116, 136) }
```

Border

The CSS property to change the border of an element to XYZ 15.4086, 16.7013, 25.7041 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(95, 116, 136) }
```


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

```
.border{ border-color:rgb(95, 116, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 116, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 116, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 116, 136);  
box-shadow:4px 4px 4px 4px rgb(95, 116,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4086, 16.7013, 25.7041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 116, 136) }
```

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

```
.background{ background-color: rgb(95, 116,  
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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