

Converting Colors

XYZ(15.6041, 15.0224, 24.8943)

Have a look what the booklet for
XYZ(15.6041, 15.0224, 24.8943)
contains.

XYZ(15.6091, 15.0406, 25.0021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.6091, 15.0406,
25.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6987
RGB	108, 105, 135
RGB Percent	42%, 41%, 53%
CMY	0.5765, 0.5882, 0.4706
CMYK	0.20, 0.22, 0.00, 0.47
HSL	246°, 12%, 47%
HSV	246°, 22%, 53%
XYZ	15.6091, 15.0406, 25.0021
YIQ	109.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

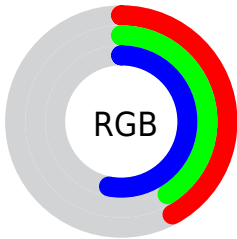
Format	Color
R_{YB}	108, 105, 135
Decimal	7104903
CIE Lab	45.69, 7.91, -16.11
CIE LCh	46, 17.945, 296.140
Yxy	15.0406, 0.2805, 0.2703
Android (android.graphics.Color)	4285294983 (0xFF6C6987)
YUV	109.3170, 12.6617, -1.1550
Hunter-Lab	38.7822, 3.9740, -11.0755

Details

The XYZ color **15.6091, 15.0406, 25.0021** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.7300, 23.2538, 16.7612**, and the grayscale version is **14.5930, 15.3530, 16.7194**.

A 20% lighter version of the original color is **35.4628, 34.8814, 52.4406**, and **5.0162, 4.6426, 9.2261** is the 20% darker color. If you saturate the color by 10%, you get **12.9656, 11.7964, 24.5155**, and if you desaturate by 10%, it is **18.6778, 18.8288, 25.5718**.

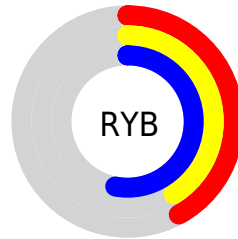
Distribution



Red (42%)

Green (41%)

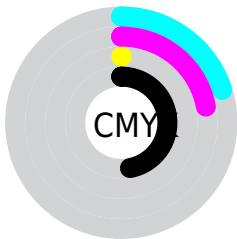
Blue (53%)



Red (42%)

Yellow (41%)

Blue (53%)

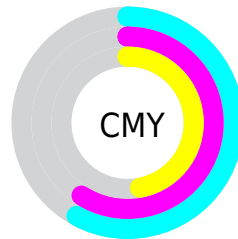


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (59%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6091, 15.0406, 25.0021 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 15.6091, 15.0406, 25.0021 by changing the saturation by 10% instead.

■ 15.6091, 15.0406,
25.0021

■ 15.6091, 15.0406,
25.0021

220.3399,
223.6118, 291.2964

■ 9.3371, 8.8479,
15.8596

■ 35.4812, 34.9244,
52.6248

■ 5.0205, 4.6421,
9.2716

■ 49.8120, 49.3843,
71.9421

■ 2.2942, 2.0388,
4.8195

■ 67.5597, 67.3686,
95.4880

■ 0.7917, 0.6299,
2.0849

■ 89.0897, 89.2619,
123.6811

■ 0.0000, 0.0000,
0.6067

114.7674,
115.4484, 156.9400

■ 0.0000, 0.0000,
0.0000

144.9581,

146.3127, 195.6831

180.0271,
182.2390, 240.3291

■ 15.6091, 15.0406,
25.0021

■ 15.6091, 15.0406,
25.0021

■ 12.9656, 11.7964,
24.5155

■ 18.6778, 18.8288,
25.5718

■ 10.7272, 9.0694,
24.1071

■ 22.1880, 23.1825,
26.2272

■ 8.8741, 6.8335,
23.7732

■ 26.1565, 28.1243,
26.9718

■ 7.3845, 5.0592,
23.5092

■ 30.5993, 33.6749,
27.8091

■ 6.2343, 3.7142,
23.3102

■ 35.5311, 39.8540,
28.7418

■ 5.3964, 2.7617,
23.1705

■ 40.9665, 46.6806,
29.7730

■ 4.8394, 2.1589,
23.0836

■ 46.9190, 54.1728,
30.9054

■ 4.5466, 1.8387,
23.0372

■ 53.4019, 62.3478,
32.1417

■ 60.4279, 71.2225,
33.4843

Harmonies

Analogous

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



14.1017, 15.0406, 26.1175



15.6091, 15.0406, 25.0021



16.8363, 15.0406, 21.4429

Triad

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



15.6091, 15.0406, 25.0021



15.9697, 15.0406, 10.4126



11.5979, 15.0406, 15.8250

Complementary

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



15.6091, 15.0406, 25.0021



20.7300, 23.2538, 16.7612

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.



12.0243, 15.0406, 12.1787



15.6091, 15.0406, 25.0021



14.4914, 15.0406, 9.4203

Square

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



15.6091, 15.0406, 25.0021



17.0546, 15.0406, 12.9894



13.0580, 15.0406, 10.0054



11.8515, 15.0406, 20.3068

Rectangle

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



15.6091, 15.0406, 25.0021



17.2939, 15.0406, 18.4437



13.0580, 15.0406, 10.0054



11.6656, 15.0406, 14.4702

Sweetspot

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



15.6096, 15.0412, 25.0024



36.5304, 37.5374, 46.3684



18.5186, 21.3914, 26.0748



8.3910, 8.6077, 10.7255



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.



15.6096, 15.0412, 25.0024



25.3120, 23.6891, 44.2867



17.5223, 16.0273, 25.0920



4.4745, 4.5652, 5.8461



4.1986, 1.6986, 21.2433



0.0172, 0.0072, 0.0737

Inverse Universe

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



19.2086, 16.9206, 24.0841



33.0402, 27.7265, 42.2390



18.6177, 22.1649, 16.6623



4.8384, 4.7550, 5.7612



12.4274, 6.0353, 17.3548



0.0445, 0.0215, 0.0677

Previews

White Background



This preview shows how the XYZ color 15.6091, 15.0406, 25.0021 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 15.6091, 15.0406, 25.0021 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 15.6091, 15.0406, 25.0021

Background



This preview shows how black text looks on a background with the XYZ color 15.6091, 15.0406, 25.0021.



This preview shows how white text looks on a background with the XYZ color 15.6091, 15.0406,

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

15.6091, 15.0406, 25.0021

Protanopia

15.0685, 15.0597, 25.4052

Deuteranopia

15.3529, 15.0606, 25.0195



Tritanopia

14.3991, 15.0127, 18.9685

Trichromacy



Original Color

15.6091, 15.0406, 25.0021

Protanomaly

15.3069, 15.0287, 25.3866

Deuteranomaly

15.4711, 15.1215, 25.0250

Tritanomaly

14.8396, 15.0348, 21.1887

Monochromacy



Original Color

15.6091, 15.0406, 25.0021

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9393, 15.2843, 19.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6091, 15.0406, 25.0021 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(108, 105, 135)` looks like.

```
.text, #text, p{  
    color:rgb(108, 105, 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(108, 105, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 105, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.6091, 15.0406, 25.0021 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(108, 105, 135) }
```


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

```
.border{ border-color:rgb(108, 105, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 105, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 105, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 105, 135);  
box-shadow:4px 4px 4px 4px rgb(108, 105,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6091, 15.0406, 25.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 105, 135) }
```

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

```
.background{ background-color: rgb(108,  
105, 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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