

Converting Colors

XYZ(15.1346, 10.5797, 36.6054)

Have a look what the booklet for
XYZ(15.1346, 10.5797, 36.6054)
contains.

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Color

**XYZ(15.1179, 10.5459,
36.8361)**

Conversions

Conversions Part 1

Format	Color
Hex	6A49A5
RGB	106, 73, 165
RGB Percent	42%, 29%, 65%
CMY	0.5843, 0.7137, 0.3529
CMYK	0.36, 0.56, 0.00, 0.35
HSL	262°, 39%, 47%
HSV	262°, 56%, 65%
XYZ	15.1179, 10.5459, 36.8361
YIQ	93.3550, -9.8640, 35.6080

Conversions

Conversions Part 2

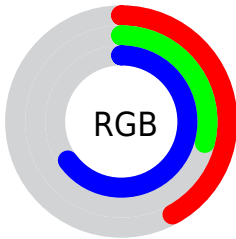
Format	Color
R _Y B	106, 73, 165
Decimal	6965669
CIE Lab	38.80, 34.68, -44.87
CIE LCh	39, 56.708, 307.702
Yxy	10.5459, 0.2419, 0.1687
Android (android.graphics.Color)	4285155749 (0xFF6A49A5)
YUV	93.3550, 35.3210, 11.0897
Hunter-Lab	32.4745, 26.2672, -44.5211

Details

The XYZ color **15.1179, 10.5459, 36.8361** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **24.1737, 32.2971, 11.2636**, and the grayscale version is **10.4094, 10.9515, 11.9262**.

A 20% lighter version of the original color is **34.6313, 26.8600, 71.7658**, and **4.7848, 2.7106, 15.6002** is the 20% darker color. If you saturate the color by 10%, you get **12.9933, 8.0494, 36.4664**, and if you desaturate by 10%, it is **17.6862, 13.6984, 37.3094**.

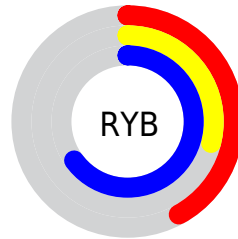
Distribution



Red (42%)

Green (29%)

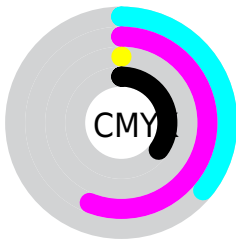
Blue (65%)



Red (42%)

Yellow (29%)

Blue (65%)

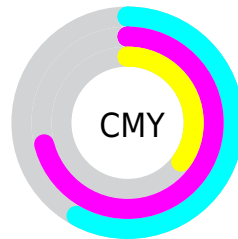


Cyan (36%)

Magenta (56%)

Yellow (0%)

Black (35%)



Cyan (58%)

Magenta (71%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1179, 10.5459, 36.8361 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 15.1179, 10.5459, 36.8361 by changing the saturation by 10% instead.

■ 15.1179, 10.5459,
36.8361

■ 15.1179, 10.5459,
36.8361

217.4530,
194.5251, 347.7477

■ 8.9890, 5.7624,
24.7858

■ 34.6298, 26.8173,
71.5041

■ 4.7911, 2.7011,
15.7000

■ 48.7436, 39.0741,
94.9590

■ 2.1587, 0.9778,
9.1601

■ 66.2497, 54.5906,
123.0524

■ 0.7208, 0.0000,
4.7475

■ 87.5136, 73.7514,
156.2030

■ 0.0000, 0.0000,
2.0437

■ 112.9004, 96.9409,
194.8293

■ 0.0000, 0.0000,
0.5820

142.7757,

■ 0.0000, 0.0000,

124.5434, 239.3498

0.0000

177.5048,
156.9433, 290.1831

■ 15.1179, 10.5459,
36.8361

■ 15.1179, 10.5459,
36.8361

■ 12.9933, 8.0494,
36.4664

■ 17.6862, 13.6984,
37.3094

■ 11.2822, 6.1581,
36.1915

■ 20.7228, 17.5498,
37.8928

■ 9.9520, 4.8156,
36.0025

■ 24.2522, 22.1410,
38.5930

■ 8.9609, 3.9478,
35.8873

■ 28.2966, 27.5090,
39.4159

■ 8.6063, 3.6521,
35.8489

■ 32.8768, 33.6885,
40.3673

■ 38.0122, 40.7120,
41.4523

■ 43.7215, 48.6101,
42.6759

■ 50.0223, 57.4119,
44.0427

■ 56.9315, 67.1454,
45.5573

Harmonies

Analogous

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



11.0224, 10.5459, 46.5695



15.1179, 10.5459, 36.8361



18.2956, 10.5459, 21.2487

Triad

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



15.1179, 10.5459, 36.8361



13.0196, 10.5459, 1.0101



4.4368, 10.5459, 14.4820

Complementary

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



15.1179, 10.5459, 36.8361



24.1737, 32.2971, 11.2636

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.



4.7183, 10.5459, 5.2891



15.1179, 10.5459, 36.8361



9.0870, 10.5459, 0.7487

Square

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



15.1179, 10.5459, 36.8361



16.8885, 10.5459, 2.9122



6.2254, 10.5459, 1.6632



5.3282, 10.5459, 29.3334

Rectangle

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



15.1179, 10.5459, 36.8361



19.1048, 10.5459, 12.3319



6.2254, 10.5459, 1.6632



4.4025, 10.5459, 10.6734

Sweetspot

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



15.1184, 10.5463, 36.8364



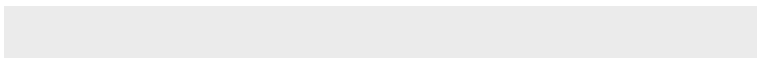
49.4886, 47.6776, 70.3467



17.8997, 20.8538, 38.6793



10.5125, 10.0144, 15.3164



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.1184, 10.5463, 36.8364



22.4459, 13.4815, 65.1715



21.9740, 14.0805, 37.1572



6.9291, 6.9778, 8.8847



6.5611, 2.7889, 27.1223



0.1881, 0.0845, 0.5723

Inverse Universe

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



22.0647, 14.4307, 23.4524



36.6092, 21.4273, 36.7259



18.5699, 29.4082, 11.0013



7.2560, 7.1588, 8.3342



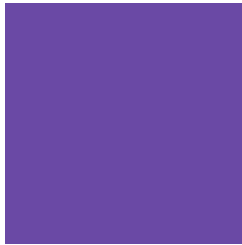
13.7241, 6.8457, 11.0034



0.3097, 0.1524, 0.3434

Previews

White Background



This preview shows how the XYZ color 15.1179, 10.5459, 36.8361 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 15.1179, 10.5459, 36.8361 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 15.1179, 10.5459, 36.8361

Background



This preview shows how black text looks on a background with the XYZ color 15.1179, 10.5459, 36.8361.



This preview shows how white text looks on a background with the XYZ color 15.1179, 10.5459,

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

15.1179, 10.5459, 36.8361

Protanopia

12.4259, 10.6227, 45.1115

Deuteranopia

10.9430, 10.7090, 35.2085



Tritanopia

10.3593, 10.6393, 13.0629

Trichromacy



Original Color

15.1179, 10.5459, 36.8361

Protanomaly

12.6348, 10.2115, 41.8625

Deuteranomaly

11.6530, 10.1940, 35.5359

Tritanomaly

11.6129, 10.2872, 19.7859

Monochromacy



Original Color

15.1179, 10.5459, 36.8361

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.6946, 10.5842, 18.8793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1179, 10.5459, 36.8361 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(106, 73, 165)` looks like.

```
.text, #text, p{  
    color:rgb(106, 73, 165)  
}
```

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(106, 73, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 73, 165) }
```

Border

The CSS property to change the border of an element to XYZ 15.1179, 10.5459, 36.8361 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(106, 73, 165) }
```


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

```
.border{ border-color:rgb(106, 73, 165) }
```

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

Here you see how a box with a 4 pixel rgb(106, 73, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 73, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 73, 165);  
box-shadow:4px 4px 4px 4px rgb(106, 73,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1179, 10.5459, 36.8361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 73, 165) }
```

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

```
.background{ background-color: rgb(106, 73,  
165) }
```

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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