

Converting Colors

XYZ(9.3351, 10.1749, 15.9399)

Have a look what the booklet for
XYZ(9.3351, 10.1749, 15.9399)
contains.

XYZ(9.3351, 10.1749, 15.9399)	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(9.3351, 10.1749,
15.9399)**

Conversions

Conversions Part 1

Format	Color
Hex	495C6D
RGB	73, 92, 109
RGB Percent	29%, 36%, 43%
CMY	0.7137, 0.6392, 0.5725
CMYK	0.33, 0.16, 0.00, 0.57
HSL	208°, 20%, 36%
HSV	208°, 33%, 43%
XYZ	9.3351, 10.1749, 15.9399
YIQ	88.2570, -16.7810, 1.2590

Conversions

Conversions Part 2

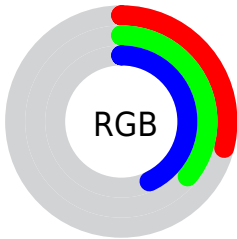
Format	Color
R _Y B	73, 85, 109
Decimal	4807789
CIE Lab	38.15, -2.73, -12.04
CIE LCh	38, 12.344, 257.205
Yxy	10.1749, 0.2633, 0.2870
Android (android.graphics.Color)	4282997869 (0xFF495C6D)
YUV	88.2570, 10.2263, -13.3804
Hunter-Lab	31.8981, -3.5830, -7.2993

Details

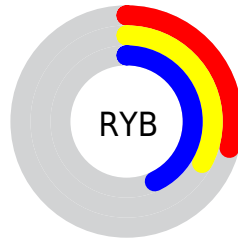
The XYZ color **9.3351, 10.1749, 15.9399** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1655, 11.0446, 7.8469**, and the grayscale version is **9.3132, 9.7982, 10.6702**.

A 20% lighter version of the original color is **24.2744, 26.1302, 37.4824**, and **2.2713, 2.5239, 4.7823** is the 20% darker color. If you saturate the color by 10%, you get **8.1498, 8.9245, 15.7612**, and if you desaturate by 10%, it is **10.6961, 11.5613, 16.1360**.

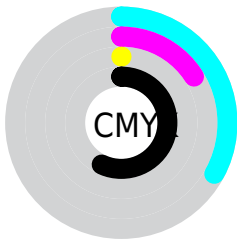
Distribution



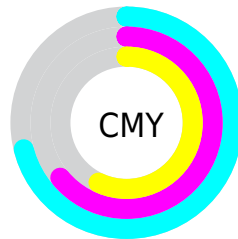
- Red (29%)
- Green (36%)
- Blue (43%)



- Red (29%)
- Yellow (33%)
- Blue (43%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (57%)



- Cyan (71%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.3351, 10.1749, 15.9399 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 9.3351, 10.1749, 15.9399 by changing the saturation by 10% instead.

■ 9.3351, 10.1749,
15.9399

■ 9.3351, 10.1749,
15.9399

180.0131,
191.9158, 240.8204

■ 5.0192, 5.5151,
9.3277

■ 24.1983, 26.1240,
37.2592

■ 2.2934, 2.5525,
4.8558

■ 35.4764, 38.1820,
52.8034

■ 0.7913, 0.9029,
2.1057

■ 49.8060, 53.4748,
72.1620

■ 0.0000, 0.0000,
0.6191

■ 67.5523, 72.3870,
95.7536

■ 0.0000, 0.0000,
0.0000

■ 89.0809, 95.3027,
123.9967

114.7569,

122.6065, 157.3098

144.9459,
154.6828, 196.1116

■ 9.3351, 10.1749,
15.9399

■ 9.3351, 10.1749,
15.9399

■ 8.1498, 8.9245,
15.7612

■ 10.6961, 11.5613,
16.1360

■ 7.1311, 7.8039,
15.5986

■ 12.2396, 13.0874,
16.3492

■ 6.2705, 6.8079,
15.4517

■ 13.9728, 14.7580,
16.5803

■ 5.5581, 5.9306,
15.3199

■ 15.9025, 16.5774,
16.8297

■ 4.9832, 5.1654,
15.2025

■ 18.0351, 18.5497,
17.0980

■ 4.5307, 4.5036,
15.0986

■ 20.3767, 20.6787,
17.3856

■ 4.2499, 4.0832,
15.0323

■ 22.9330, 22.9684,
17.6928

■ 25.7097, 25.4221,
18.0201

■ 28.7121, 28.0436,
18.3678

Harmonies

Analogous

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



8.6656, 10.1749, 14.6260



9.3351, 10.1749, 15.9399



10.1319, 10.1749, 15.8286

Triad

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



9.3351, 10.1749, 15.9399



11.2119, 10.1749, 9.8292



8.5882, 10.1749, 8.3536

Complementary

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



9.3351, 10.1749, 15.9399



11.1655, 11.0446, 7.8469

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.



9.2242, 10.1749, 7.3890



9.3351, 10.1749, 15.9399



10.7512, 10.1749, 8.1571

Square

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



9.3351, 10.1749, 15.9399



11.2456, 10.1749, 12.0807



10.0147, 10.1749, 7.3225



8.2506, 10.1749, 10.1338

Rectangle

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



9.3351, 10.1749, 15.9399



10.6286, 10.1749, 14.9600



10.0147, 10.1749, 7.3225



8.7726, 10.1749, 7.9345

Sweetspot

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



9.3354, 10.1753, 15.9401



22.7355, 24.2312, 29.3860



10.0534, 13.0887, 11.6250



5.2177, 5.5679, 6.8285



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



9.3354, 10.1753, 15.9401



14.9768, 16.3917, 28.2818



7.9703, 7.4451, 15.4851



3.0682, 3.2648, 3.9033



4.9464, 4.7271, 17.5740



24.3286, 22.3357, 89.2552

Inverse Universe

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



10.6212, 8.7892, 11.2624



17.7378, 13.6834, 18.1770



12.8509, 14.4154, 8.4087



3.1602, 3.1410, 3.5741



8.2436, 4.1496, 4.9113



41.5627, 20.9670, 22.6979

Previews

White Background



This preview shows how the XYZ color 9.3351, 10.1749, 15.9399 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 9.3351, 10.1749, 15.9399 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

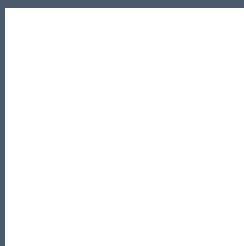
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.3351, 10.1749, 15.9399

Background



This preview shows how black text looks on a background with the XYZ color 9.3351, 10.1749, 15.9399.

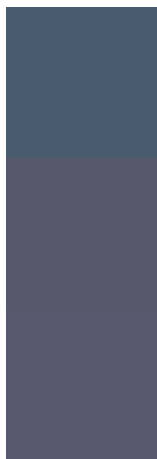


This preview shows how white text looks on a background with the XYZ color 9.3351, 10.1749,

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

9.3351, 10.1749, 15.9399

Protanopia

10.0640, 10.1847, 15.3453

Deuteranopia

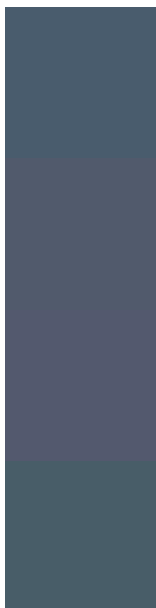
10.3287, 10.1799, 16.1724



Tritanopia

8.8618, 10.1079, 13.7959

Trichromacy



Original Color

9.3351, 10.1749, 15.9399

Protanomaly

9.7563, 10.1444, 15.6312

Deuteranomaly

9.9541, 10.1095, 16.1785

Tritanomaly

9.0855, 10.2059, 14.5878

Monochromacy



Original Color

9.3351, 10.1749, 15.9399

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.2510, 9.8283, 12.4758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3351, 10.1749, 15.9399 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(73, 92, 109)` looks like.

```
.text, #text, p{  
    color:rgb(73, 92, 109)  
}
```

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(73, 92, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 92, 109) }
```

Border

The CSS property to change the border of an element to XYZ 9.3351, 10.1749, 15.9399 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(73, 92, 109) }
```


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

```
.border{ border-color:rgb(73, 92, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 92, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 92, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 92, 109);  
box-shadow:4px 4px 4px 4px rgb(73, 92,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 9.3351, 10.1749, 15.9399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 92, 109) }
```

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

```
.background{ background-color: rgb(73, 92,  
109) }
```

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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