

Converting Colors

XYZ(15.3025, 17.9100, 25.7123)

Have a look what the booklet for
XYZ(15.3025, 17.9100, 25.7123)
contains.

XYZ(15.2939, 17.8936, 25.5694)	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(15.2939, 17.8936,
25.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	567B87
RGB	86, 123, 135
RGB Percent	34%, 48%, 53%
CMY	0.6627, 0.5176, 0.4706
CMYK	0.36, 0.09, 0.00, 0.47
HSL	195°, 22%, 43%
HSV	195°, 36%, 53%
XYZ	15.2939, 17.8936, 25.5694
YIQ	113.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

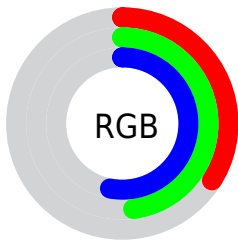
Format	Color
R_{YB}	86, 107, 135
Decimal	5667719
CIE _{Lab}	49.37, -9.80, -10.69
CIE _{LCh}	49, 14.501, 227.490
Yxy	17.8936, 0.2603, 0.3045
Android (android.graphics.Color)	4283857799 (0xFF567B87)
YUV	113.3050, 10.6956, -23.9465
Hunter-Lab	42.3008, -9.4896, -6.2282

Details

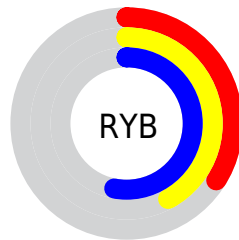
The XYZ color **15.2939, 17.8936, 25.5694** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.0394, 14.5585, 10.7693**, and the grayscale version is **15.7618, 16.5826, 18.0585**.

A 20% lighter version of the original color is **34.8883, 39.6941, 53.3999**, and **4.8514, 5.9468, 9.4865** is the 20% darker color. If you saturate the color by 10%, you get **13.7633, 16.5064, 25.3826**, and if you desaturate by 10%, it is **17.0742, 19.4310, 25.7726**.

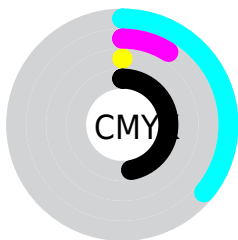
Distribution



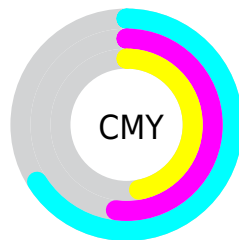
- Red (34%)
- Green (48%)
- Blue (53%)



- Red (34%)
- Yellow (42%)
- Blue (53%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (47%)



- Cyan (66%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2939, 17.8936, 25.5694 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 15.2939, 17.8936, 25.5694 by changing the saturation by 10% instead.

■ 15.2939, 17.8936,
25.5694

■ 15.2939, 17.8936,
25.5694

218.4916,
240.2706, 294.1998

■ 9.1136, 10.8736,
16.2789

■ 34.9354, 39.8559,
53.5550

■ 4.8730, 5.9819,
9.5652

■ 49.1273, 55.5671,
73.0872

■ 2.2069, 2.8341,
5.0099

■ 66.7203, 74.9441,
96.8703

■ 0.7464, 1.0457,
2.1942

■ 88.0800, 98.3713,
125.3230

■ 0.0000, 0.0000,
0.6710

■ 113.5716,
126.2332, 158.8638

■ 0.0000, 0.0000,
0.0000

143.5605,

158.9141, 197.9111

178.4120,
196.7985, 242.8836

■ 15.2939, 17.8936,
25.5694

■ 15.2939, 17.8936,
25.5694

■ 13.7633, 16.5064,
25.3826

■ 17.0742, 19.4310,
25.7726

■ 12.4675, 15.2602,
25.2104

■ 19.1150, 21.1229,
25.9916

■ 11.3922, 14.1478,
25.0523

■ 21.4283, 22.9763,
26.2275

■ 10.5210, 13.1606,
24.9077

■ 24.0249, 24.9970,
26.4806

■ 9.8351, 12.2886,
24.7755

■ 26.9150, 27.1902,
26.7516

■ 9.3027, 11.5153,
24.6543

■ 30.1083, 29.5613,
27.0410

■ 9.1189, 11.2406,
24.6110

■ 33.6140, 32.1151,
27.3492

■ 37.4409, 34.8564,
27.6766

■ 41.5974, 37.7897,
28.0237

Harmonies

Analogous

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



14.6237, 17.8936, 21.8318



15.2939, 17.8936, 25.5694



16.4448, 17.8936, 27.7860

Triad

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



15.2939, 17.8936, 25.5694



19.7019, 17.8936, 21.1580



16.2303, 17.8936, 13.1544

Complementary

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



15.2939, 17.8936, 25.5694



16.0394, 14.5585, 10.7693

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.



17.5825, 17.8936, 13.0247



15.2939, 17.8936, 25.5694



19.6369, 17.8936, 17.3092

Square

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



15.2939, 17.8936, 25.5694



19.0175, 17.8936, 25.0195



18.8442, 17.8936, 14.4484



15.1441, 17.8936, 14.8303

Rectangle

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



15.2939, 17.8936, 25.5694



17.3519, 17.8936, 27.9312



18.8442, 17.8936, 14.4484



16.6673, 17.8936, 12.9374

Sweetspot

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



15.2944, 17.8943, 25.5698



36.2601, 39.4655, 46.7549



14.6801, 20.1779, 14.5370



8.2873, 9.0514, 10.8166



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.



15.2944, 17.8943, 25.5698



24.9817, 29.8702, 45.4972



12.6796, 12.6646, 24.6982



4.7076, 5.0909, 5.9353



8.4194, 10.3865, 22.6977



0.0349, 0.0474, 0.0805

Inverse Universe

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



16.8951, 13.2371, 20.4041



28.3959, 20.4936, 34.3537



18.6231, 19.7259, 11.6306



4.8104, 4.7439, 5.6141



11.4278, 5.6355, 12.0912



0.0425, 0.0207, 0.0570

Previews

White Background



This preview shows how the XYZ color 15.2939, 17.8936, 25.5694 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 15.2939, 17.8936, 25.5694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

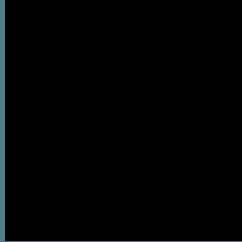
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

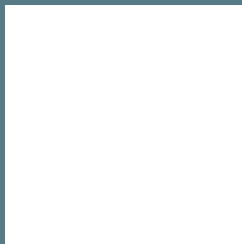
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2939, 17.8936, 25.5694

Background



This preview shows how black text looks on a background with the XYZ color 15.2939, 17.8936, 25.5694.



This preview shows how white text looks on a background with the XYZ color 15.2939, 17.8936,

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

15.2939, 17.8936, 25.5694

Protanopia

17.4124, 17.7743, 23.9858

Deuteranopia

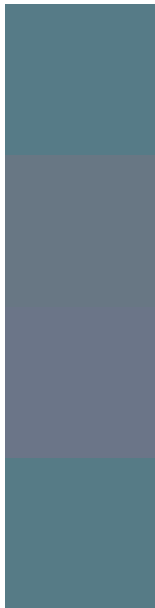
18.1404, 17.7627, 26.1394



Tritanopia

15.1543, 17.8378, 24.8346

Trichromacy



Original Color

15.2939, 17.8936, 25.5694

Protanomaly

16.4706, 17.8027, 24.3980

Deuteranomaly

16.8686, 17.6260, 25.8056

Tritanomaly

15.2238, 17.8656, 25.2003

Monochromacy



Original Color

15.2939, 17.8936, 25.5694

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4060, 16.9866, 20.5559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2939, 17.8936, 25.5694 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(86, 123, 135) looks like.

```
.text, #text, p{  
    color:rgb(86, 123, 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(86, 123, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 123, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.2939, 17.8936, 25.5694 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(86, 123, 135) }
```


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

```
.border{ border-color:rgb(86, 123, 135) }
```

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

Here you see how a box with a 4 pixel rgb(86, 123, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 123, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 123, 135);  
box-shadow:4px 4px 4px 4px rgb(86, 123,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2939, 17.8936, 25.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 123, 135) }
```

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

```
.background{ background-color: rgb(86, 123,  
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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