

Converting Colors

XYZ(13.9819, 15.7143, 25.9635)

Have a look what the booklet for
XYZ(13.9819, 15.7143, 25.9635)
contains.

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Color

**XYZ(14.0394, 15.8169,
25.9799)**

Conversions

Conversions Part 1

Format	Color
Hex	517389
RGB	81, 115, 137
RGB Percent	32%, 45%, 54%
CMY	0.6823, 0.5490, 0.4627
CMYK	0.41, 0.16, 0.00, 0.46
HSL	204°, 26%, 43%
HSV	204°, 41%, 54%
XYZ	14.0394, 15.8169, 25.9799
YIQ	107.3420, -27.3260, -0.3660

Conversions

Conversions Part 2

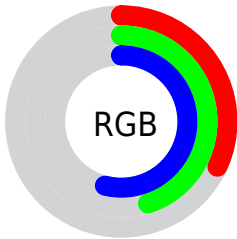
Format	Color
R_{YB}	81, 102, 137
Decimal	5337993
CIE _{Lab}	46.73, -6.10, -15.89
CIE _{LCh}	47, 17.016, 249.006
Yxy	15.8169, 0.2514, 0.2833
Android (android.graphics.Color)	4283528073 (0xFF517389)
YUV	107.3420, 14.6214, -23.1019
Hunter-Lab	39.7705, -6.5859, -10.8916

Details

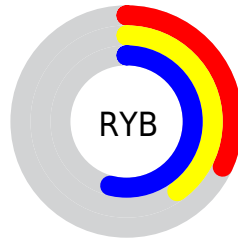
The XYZ color **14.0394, 15.8169, 25.9799** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.6523, 15.6133, 9.9210**, and the grayscale version is **14.0365, 14.7675, 16.0818**.

A 20% lighter version of the original color is **32.7858, 36.3417, 54.0018**, and **4.2925, 4.9937, 9.7545** is the 20% darker color. If you saturate the color by 10%, you get **12.3859, 14.0802, 25.7321**, and if you desaturate by 10%, it is **15.9666, 17.7486, 26.2515**.

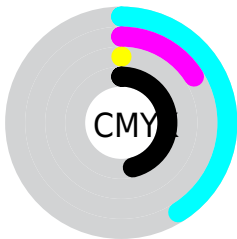
Distribution



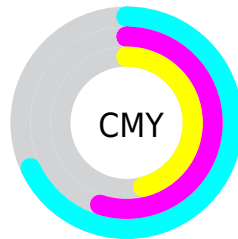
- Red (32%)
- Green (45%)
- Blue (54%)



- Red (32%)
- Yellow (40%)
- Blue (54%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (46%)



- Cyan (68%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0394, 15.8169, 25.9799 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 14.0394, 15.8169, 25.9799 by changing the saturation by 10% instead.

■ 14.0394, 15.8169,
25.9799

■ 14.0394, 15.8169,
25.9799

210.9815,
228.2588, 296.2857

■ 8.2300, 9.3947,
16.5830

■ 32.7446, 36.2800,
54.2262

■ 4.2955, 4.9995,
9.7788

■ 46.3711, 51.0898,
73.9127

■ 1.8706, 2.2470,
5.1489

■ 63.3339, 69.4641,
97.8660

■ 0.5597, 0.7454,
2.2746

■ 83.9985, 91.7874,
126.5049

■ 0.0000, 0.0000,
0.7169

■ 108.7302,
118.4442, 160.2477

■ 0.0000, 0.0000,
0.0000

137.8944,

149.8187, 199.5131

171.8564,
186.2955, 244.7196

■ 14.0394, 15.8169,
25.9799

■ 14.0394, 15.8169,
25.9799

■ 12.3859, 14.0802,
25.7321

■ 15.9666, 17.7486,
26.2515

■ 10.9898, 12.5281,
25.5061

■ 18.1798, 19.8815,
26.5465

■ 9.8349, 11.1517,
25.3013

■ 20.6922, 22.2236,
26.8662

■ 8.9027, 9.9406,
25.1167

■ 23.5157, 24.7819,
27.2111

■ 8.1714, 8.8825,
24.9510

■ 26.6617, 27.5630,
27.5821

■ 7.6225, 8.0203,
24.8135

■ 30.1407, 30.5731,
27.9798

■ 33.9630, 33.8184,
28.4047

■ 38.1383, 37.3047,
28.8576

■ 42.6759, 41.0374,
29.3389

Harmonies

Analogous

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



12.9341, 15.8169, 22.8612



14.0394, 15.8169, 25.9799



15.4822, 15.8169, 26.5621

Triad

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



14.0394, 15.8169, 25.9799



18.0145, 15.8169, 15.9806



13.3170, 15.8169, 11.6463

Complementary

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



14.0394, 15.8169, 25.9799



16.6523, 15.6133, 9.9210

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.



14.5936, 15.8169, 10.3766



14.0394, 15.8169, 25.9799



17.3486, 15.8169, 12.5958

Square

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



14.0394, 15.8169, 25.9799



17.8420, 15.8169, 20.3013



16.0734, 15.8169, 10.6932



12.5363, 15.8169, 14.4708

Rectangle

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



14.0394, 15.8169, 25.9799



16.4521, 15.8169, 25.3537



16.0734, 15.8169, 10.6932



13.6988, 15.8169, 11.0464

Sweetspot

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



14.0399, 15.8175, 25.9803



36.3971, 39.1920, 48.0297



14.7609, 20.6096, 15.8926



8.0514, 8.6869, 10.7587



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.



14.0399, 15.8175, 25.9803



22.3985, 25.4493, 46.1148



11.3607, 10.4590, 25.0872



5.0107, 5.3642, 6.3772



7.1121, 7.4945, 23.1174



0.0616, 0.0784, 0.1583

Inverse Universe

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



16.3539, 12.4415, 17.7597



27.2638, 19.0303, 28.6778



19.8469, 22.0025, 10.9859



5.1520, 5.0962, 5.8889



11.0767, 5.5408, 8.1740



0.0808, 0.0397, 0.0923

Previews

White Background



This preview shows how the XYZ color 14.0394, 15.8169, 25.9799 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 14.0394, 15.8169, 25.9799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

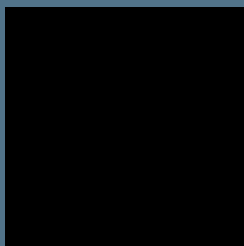
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

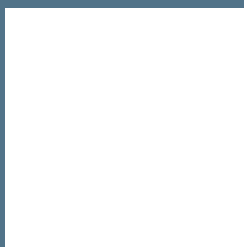
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0394, 15.8169, 25.9799

Background



This preview shows how black text looks on a background with the XYZ color 14.0394, 15.8169, 25.9799.



This preview shows how white text looks on a background with the XYZ color 14.0394, 15.8169,

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

14.0394, 15.8169, 25.9799

Protanopia

15.5280, 15.6340, 24.3896

Deuteranopia

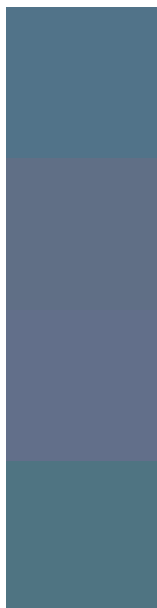
16.0134, 15.6859, 26.2284



Tritanopia

13.2691, 15.8486, 22.0984

Trichromacy



Original Color

14.0394, 15.8169, 25.9799

Protanomaly

14.8114, 15.5769, 24.7803

Deuteranomaly

15.3089, 15.8005, 26.2877

Tritanomaly

13.4991, 15.7648, 23.4505

Monochromacy



Original Color

14.0394, 15.8169, 25.9799

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8829, 15.0565, 19.3140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0394, 15.8169, 25.9799 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(81, 115, 137)` looks like.

```
.text, #text, p{  
    color:rgb(81, 115, 137)  
}
```

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(81, 115, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 115, 137) }
```

Border

The CSS property to change the border of an element to XYZ 14.0394, 15.8169, 25.9799 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(81, 115, 137) }
```


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

```
.border{ border-color:rgb(81, 115, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 115, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 115, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 115, 137);  
box-shadow:4px 4px 4px 4px rgb(81, 115,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0394, 15.8169, 25.9799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 115, 137) }
```

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

```
.background{ background-color: rgb(81, 115,  
137) }
```

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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