

Converting Colors

XYZ(13.4799, 14.5539, 25.3913)

Have a look what the booklet for
XYZ(13.4799, 14.5539, 25.3913)
contains.

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Color

**XYZ(13.4799, 14.5539,
25.3913)**

Conversions

Conversions Part 1

Format	Color
Hex	536D88
RGB	83, 109, 136
RGB Percent	33%, 43%, 53%
CMY	0.6745, 0.5725, 0.4667
CMYK	0.39, 0.20, 0.00, 0.47
HSL	211°, 24%, 43%
HSV	211°, 39%, 53%
XYZ	13.4799, 14.5539, 25.3913
YIQ	104.3040, -24.1630, 2.8850

Conversions

Conversions Part 2

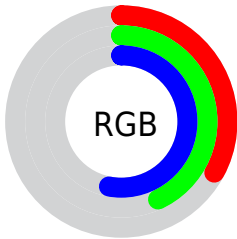
Format	Color
R_{YB}	83, 100, 136
Decimal	5467528
CIE _{Lab}	45.02, -2.26, -17.90
CIE _{LCh}	45, 18.044, 262.813
Yxy	14.5539, 0.2523, 0.2724
Android (android.graphics.Color)	4283657608 (0xFF536D88)
YUV	104.3040, 15.6261, -18.6836
Hunter-Lab	38.1496, -3.6900, -12.7571

Details

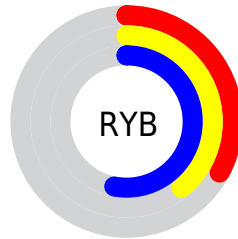
The XYZ color **13.4799, 14.5539, 25.3913** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **17.2910, 17.0110, 10.5563**, and the grayscale version is **13.2040, 13.8917, 15.1280**.

A 20% lighter version of the original color is **31.5876, 33.8841, 53.0195**, and **4.0620, 4.4572, 9.4503** is the 20% darker color. If you saturate the color by 10%, you get **11.6855, 12.5749, 25.1041**, and if you desaturate by 10%, it is **15.5689, 16.7720, 25.7096**.

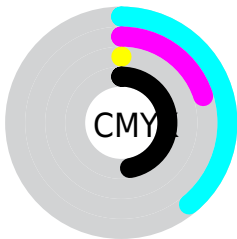
Distribution



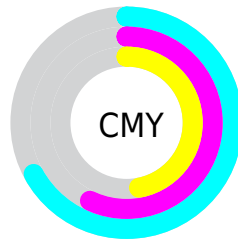
- Red (33%)
- Green (43%)
- Blue (53%)



- Red (33%)
- Yellow (39%)
- Blue (53%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4799, 14.5539, 25.3913 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 13.4799, 14.5539, 25.3913 by changing the saturation by 10% instead.

■ 13.4799, 14.5539,
25.3913

■ 13.4799, 14.5539,
25.3913

207.5468,
220.6500, 293.2909

■ 7.8391, 8.5069,
16.1472

■ 31.7573, 34.0687,
53.2633

■ 4.0431, 4.4210,
9.4729

■ 45.1247, 48.3052,
72.7282

■ 1.7265, 1.9117,
4.9499

■ 61.7982, 66.0404,
96.4372

■ 0.4728, 0.5554,
2.1597

■ 82.1434, 87.6587,
124.8086

■ 0.0000, 0.0000,
0.6509

■ 106.5254,
113.5444, 158.2612

■ 0.0000, 0.0000,
0.0000

135.3098,

144.0819, 197.2134

168.8618,
179.6556, 242.0838

■ 13.4799, 14.5539,
25.3913

■ 13.4799, 14.5539,
25.3913

■ 11.6855, 12.5749,
25.1041

■ 15.5689, 16.7720,
25.7096

■ 10.1692, 10.8234,
24.8460

■ 17.9651, 19.2365,
26.0590

■ 8.9147, 9.2893,
24.6160

■ 20.6820, 21.9566,
26.4408

■ 7.9035, 7.9610,
24.4129

■ 23.7319, 24.9405,
26.8560

■ 7.1140, 6.8251,
24.2353

■ 27.1264, 28.1958,
27.3055

■ 6.4945, 5.8526,
24.0802

■ 30.8764, 31.7300,
27.7900

■ 6.4345, 5.7585,
24.0652

■ 34.9924, 35.5500,
28.3104

■ 39.4846, 39.6627,
28.8675

■ 44.3625, 44.0747,
29.4620

Harmonies

Analogous

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



12.1826, 14.5539, 23.2707



13.4799, 14.5539, 25.3913



14.9666, 14.5539, 24.6137

Triad

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



13.4799, 14.5539, 25.3913



16.6269, 14.5539, 12.8908



11.6866, 14.5539, 11.4116

Complementary

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



13.4799, 14.5539, 25.3913



17.2910, 17.0110, 10.5563

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.



12.7583, 14.5539, 9.4563



13.4799, 14.5539, 25.3913



15.6262, 14.5539, 10.1980

Square

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



13.4799, 14.5539, 25.3913



16.8544, 14.5539, 16.8889



14.1923, 14.5539, 9.0554



11.1962, 14.5539, 14.8483

Rectangle

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



13.4799, 14.5539, 25.3913



15.8596, 14.5539, 22.6124



14.1923, 14.5539, 9.0554



11.9869, 14.5539, 10.5862

Sweetspot

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



13.4804, 14.5545, 25.3916



34.8078, 37.0653, 46.3681



15.1592, 20.5626, 17.7800



7.9390, 8.4620, 10.7212



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.



13.4804, 14.5545, 25.3916



20.8720, 22.4741, 44.2862



11.1050, 9.8036, 24.5998



4.9640, 5.2709, 6.3616



6.0992, 5.4688, 22.7798



0.0551, 0.0655, 0.1562

Inverse Universe

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



16.0074, 12.5254, 16.0426



26.1205, 18.8138, 24.7441



20.5192, 23.4674, 11.6323



5.1284, 5.0868, 5.7648



10.5654, 5.3363, 5.4818



0.0775, 0.0384, 0.0752

Previews

White Background



This preview shows how the XYZ color 13.4799, 14.5539, 25.3913 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 13.4799, 14.5539, 25.3913 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

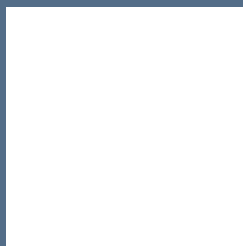
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.4799, 14.5539, 25.3913

Background



This preview shows how black text looks on a background with the XYZ color 13.4799, 14.5539, 25.3913.

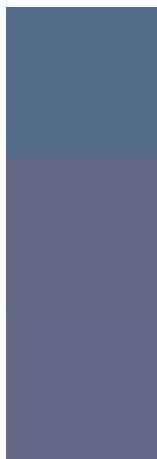


This preview shows how white text looks on a background with the XYZ color 13.4799, 14.5539,

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

13.4799, 14.5539, 25.3913

Protanopia

14.4308, 14.4493, 24.2187

Deuteranopia

14.7212, 14.4161, 25.6736



Tritanopia

12.4698, 14.6311, 20.2560

Trichromacy



Original Color

13.4799, 14.5539, 25.3913

Protanomaly

13.9713, 14.3565, 24.5890

Deuteranomaly

14.2855, 14.4939, 25.7116

Tritanomaly

12.7586, 14.5807, 21.8806

Monochromacy



Original Color

13.4799, 14.5539, 25.3913

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1303, 14.0558, 18.5440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4799, 14.5539, 25.3913 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(83, 109, 136)` looks like.

```
.text, #text, p{  
    color:rgb(83, 109, 136)  
}
```

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(83, 109, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 109, 136) }
```

Border

The CSS property to change the border of an element to XYZ 13.4799, 14.5539, 25.3913 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(83, 109, 136) }
```


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

```
.border{ border-color:rgb(83, 109, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 109, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 109, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 109, 136);  
box-shadow:4px 4px 4px 4px rgb(83, 109,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4799, 14.5539, 25.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 109, 136) }
```

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

```
.background{ background-color: rgb(83, 109,  
136) }
```

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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