

Converting Colors

XYZ(14.3047, 14.5321, 25.7183)

Have a look what the booklet for
XYZ(14.3047, 14.5321, 25.7183)
contains.

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Color

**XYZ(14.2855, 14.4939,
25.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6A89
RGB	94, 106, 137
RGB Percent	37%, 42%, 54%
CMY	0.6314, 0.5843, 0.4627
CMYK	0.31, 0.23, 0.00, 0.46
HSL	223°, 19%, 45%
HSV	223°, 31%, 54%
XYZ	14.2855, 14.4939, 25.7116
YIQ	105.9460, -17.1030, 7.0970

Conversions

Conversions Part 2

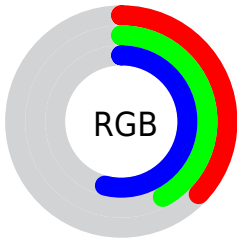
Format	Color
R_{YB}	94, 103, 137
Decimal	6187657
CIE _{Lab}	44.93, 3.20, -18.56
CIE _{LCh}	45, 18.836, 279.777
Yxy	14.4939, 0.2622, 0.2660
Android (android.graphics.Color)	4284377737 (0xFF5E6A89)
YUV	105.9460, 15.3096, -10.4766
Hunter-Lab	38.0709, 0.3554, -13.3926

Details

The XYZ color **14.2855, 14.4939, 25.7116** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.6708, 20.7940, 13.5670**, and the grayscale version is **13.6480, 14.3587, 15.6366**.

A 20% lighter version of the original color is **33.0283, 33.8514, 53.5084**, and **4.4110, 4.3969, 9.6330** is the 20% darker color. If you saturate the color by 10%, you get **12.0436, 11.9135, 25.3319**, and if you desaturate by 10%, it is **16.8950, 17.4385, 26.1427**.

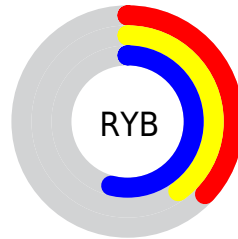
Distribution



Red (37%)

Green (42%)

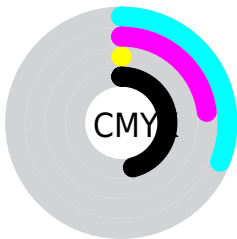
Blue (54%)



Red (37%)

Yellow (40%)

Blue (54%)

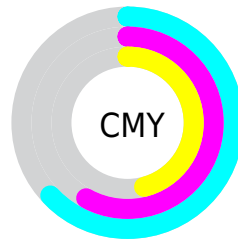


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (46%)



Cyan (63%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2855, 14.4939, 25.7116 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 14.2855, 14.4939, 25.7116 by changing the saturation by 10% instead.

■ 14.2855, 14.4939,
25.7116

■ 14.2855, 14.4939,
25.7116

212.4750,
220.2821, 294.9238

■ 8.4025, 8.4650,
16.3842

■ 33.1768, 33.9628,
53.7877

■ 4.4075, 4.3939,
9.6391

■ 46.9158, 48.1717,
73.3734

■ 1.9352, 1.8962,
5.0579

■ 64.0043, 65.8759,
97.2157

■ 0.5972, 0.5461,
2.2219

■ 84.8075, 87.4599,
125.7330

■ 0.0000, 0.0000,
0.6870

109.6908,
113.3082, 159.3439

■ 0.0000, 0.0000,
0.0000

139.0196,

143.8050, 198.4670

173.1592,
179.3349, 243.5208

■ 14.2855, 14.4939,
25.7116

■ 14.2855, 14.4939,
25.7116

■ 12.0436, 11.9135,
25.3319

■ 16.8950, 17.4385,
26.1427

■ 10.1506, 9.6808,
25.0008

■ 19.8867, 20.7595,
26.6260

■ 8.5886, 7.7807,
24.7163

■ 23.2760, 24.4704,
27.1637

■ 7.3371, 6.1960,
24.4764

■ 27.0771, 28.5838,
27.7573

■ 6.3731, 4.9080,
24.2786

■ 31.3036, 33.1115,
28.4085

■ 5.6705, 3.8954,
24.1202

■ 35.9682, 38.0648,
29.1187

■ 5.2160, 3.2074,
24.0114

■ 41.0833, 43.4547,
29.8895

■ 46.6606, 49.2918,
30.7222

■ 52.7117, 55.5862,
31.6182

Harmonies

Analogous

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



12.7767, 14.4939, 25.1618



14.2855, 14.4939, 25.7116



15.7607, 14.4939, 23.2453

Triad

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



14.2855, 14.4939, 25.7116



16.1818, 14.4939, 10.9496



11.1778, 14.4939, 13.0253

Complementary

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



14.2855, 14.4939, 25.7116



19.6708, 20.7940, 13.5670

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.



11.9654, 14.4939, 10.1153



14.2855, 14.4939, 25.7116



14.8262, 14.4939, 9.0811

Square

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



14.2855, 14.4939, 25.7116



16.9082, 14.4939, 14.3833



13.2788, 14.4939, 8.8072



11.0567, 14.4939, 17.2672

Rectangle

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



14.2855, 14.4939, 25.7116



16.4990, 14.4939, 20.4514



13.2788, 14.4939, 8.8072



11.3704, 14.4939, 11.8826

Sweetspot

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



14.2860, 14.4945, 25.7119



36.8788, 38.5690, 47.8840



17.2521, 21.7473, 22.6294



8.1045, 8.4670, 10.7135



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.



14.2860, 14.4945, 25.7119



22.5298, 22.4517, 45.5293



14.1484, 12.7144, 25.3756



4.8809, 5.1048, 6.3339



4.8678, 3.0059, 22.3693



0.0434, 0.0421, 0.1523

Inverse Universe

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



16.9212, 14.3649, 15.5171



28.1260, 22.4222, 23.8241



19.8209, 23.2645, 14.0360



5.0865, 5.0700, 5.5441



9.9439, 5.0877, 2.2087



0.0716, 0.0360, 0.0441

Previews

White Background



This preview shows how the XYZ color 14.2855, 14.4939, 25.7116 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 14.2855, 14.4939, 25.7116 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

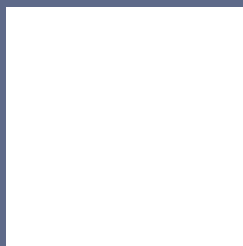
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2855, 14.4939, 25.7116

Background



This preview shows how black text looks on a background with the XYZ color 14.2855, 14.4939, 25.7116.

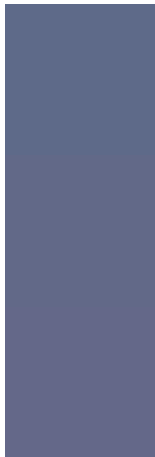


This preview shows how white text looks on a background with the XYZ color 14.2855, 14.4939,

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

14.2855, 14.4939, 25.7116

Protanopia

14.5325, 14.4774, 25.3210

Deuteranopia

14.7212, 14.4161, 25.6736



Tritanopia

12.9551, 14.4189, 19.2399

Trichromacy



Original Color

14.2855, 14.4939, 25.7116

Protanomaly

14.4253, 14.4221, 25.3160

Deuteranomaly

14.6039, 14.5060, 25.6971

Tritanomaly

13.3786, 14.4299, 21.4822

Monochromacy



Original Color

14.2855, 14.4939, 25.7116

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8444, 14.4172, 18.8827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2855, 14.4939, 25.7116 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(94, 106, 137) looks like.

```
.text, #text, p{  
    color:rgb(94, 106, 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(94, 106, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 106, 137) }
```

Border

The CSS property to change the border of an element to XYZ 14.2855, 14.4939, 25.7116 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(94, 106, 137) }
```


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

```
.border{ border-color:rgb(94, 106, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 106, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 106, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 106, 137);  
box-shadow:4px 4px 4px 4px rgb(94, 106,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2855, 14.4939, 25.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 106, 137) }
```

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

```
.background{ background-color: rgb(94, 106,  
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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