

Converting Colors

XYZ(11.4076, 11.4177, 20.2762)

Have a look what the booklet for
XYZ(11.4076, 11.4177, 20.2762)
contains.

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Color

**XYZ(11.4156, 11.4139,
20.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	565E7B
RGB	86, 94, 123
RGB Percent	34%, 37%, 48%
CMY	0.6627, 0.6314, 0.5176
CMYK	0.30, 0.24, 0.00, 0.52
HSL	227°, 18%, 41%
HSV	227°, 30%, 48%
XYZ	11.4156, 11.4139, 20.3403
YIQ	94.9140, -14.0770, 7.3230

Conversions

Conversions Part 2

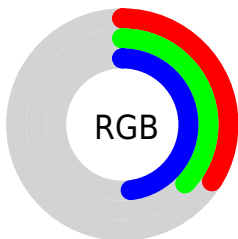
Format	Color
R_{YB}	86, 93, 123
Decimal	5660283
CIE Lab	40.27, 4.15, -17.32
CIE LCh	40, 17.806, 283.491
Yxy	11.4139, 0.2644, 0.2644
Android (android.graphics.Color)	4283850363 (0xFF565E7B)
YUV	94.9140, 13.8464, -7.8176
Hunter-Lab	33.7845, 1.1914, -12.0471

Details

The XYZ color **11.4156, 11.4139, 20.3403** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.9790, 17.1444, 11.2715**, and the grayscale version is **10.8273, 11.3911, 12.4050**.

A 20% lighter version of the original color is **28.1263, 28.3995, 45.0735**, and **3.1297, 3.0397, 6.9003** is the 20% darker color. If you saturate the color by 10%, you get **9.5748, 9.2710, 20.0239**, and if you desaturate by 10%, it is **13.5592, 13.8723, 20.7020**.

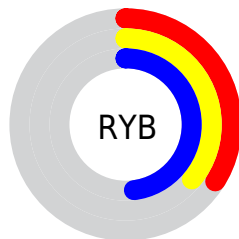
Distribution



Red (34%)

Green (37%)

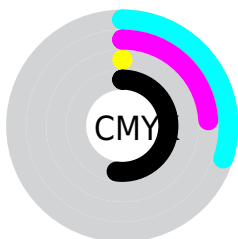
Blue (48%)



Red (34%)

Yellow (36%)

Blue (48%)

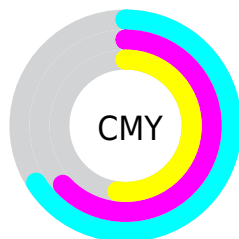


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (52%)



Cyan (66%)

Magenta (63%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4156, 11.4139, 20.3403 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 11.4156, 11.4139, 20.3403 by changing the saturation by 10% instead.

■ 11.4156, 11.4139,
20.3403

■ 11.4156, 11.4139,
20.3403

194.3470,
200.4856, 266.4164

■ 6.4164, 6.3460,
12.4561

■ 28.0524, 28.4230,
44.8534

■ 3.1430, 3.0566,
6.9288

■ 40.4207, 41.1330,
62.3195

■ 1.2298, 1.1613,
3.3399

■ 55.9761, 57.1591,
83.8165

■ 0.1297, 0.0298,
1.2707

■ 75.0839, 76.8858,
109.7632

■ 0.0000, 0.0000,
0.0376

■ 98.1096, 100.6974,
140.5780

■ 0.0000, 0.0000,
0.0000

125.4184,

128.9782, 176.6794

157.3758,
162.1128, 218.4860

■ 11.4156, 11.4139,
20.3403

■ 11.4156, 11.4139,
20.3403

■ 9.5748, 9.2710,
20.0239

■ 13.5592, 13.8723,
20.7020

■ 8.0217, 7.4294,
19.7503

■ 16.0175, 16.6573,
21.1100

■ 6.7416, 5.8754,
19.5178

■ 18.8030, 19.7807,
21.5661

■ 5.7182, 4.5941,
19.3244

■ 21.9273, 23.2535,
22.0717

■ 4.9331, 3.5689,
19.1679

■ 25.4014, 27.0864,
22.6285

■ 4.3654, 2.7811,
19.0458

■ 29.2358, 31.2892,
23.2376

■ 3.9579, 2.1956,
18.9542

■ 33.4406, 35.8718,
23.9005

■ 38.0254, 40.8433,
24.6184

■ 42.9995, 46.2127,
25.3927

Harmonies

Analogous

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



10.1837, 11.4139, 20.2110



11.4156, 11.4139, 20.3403



12.5775, 11.4139, 18.0827

Triad

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



11.4156, 11.4139, 20.3403



12.6760, 11.4139, 8.2880



8.7151, 11.4139, 10.5829

Complementary

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



11.4156, 11.4139, 20.3403



15.9790, 17.1444, 11.2715

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.



9.2858, 11.4139, 8.0950



11.4156, 11.4139, 20.3403



11.5418, 11.4139, 6.9537

Square

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



11.4156, 11.4139, 20.3403



13.3419, 11.4139, 10.8987



10.3006, 11.4139, 6.8905



8.6870, 11.4139, 14.0936

Rectangle

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



11.4156, 11.4139, 20.3403



13.1303, 11.4139, 15.7392



10.3006, 11.4139, 6.8905



8.8478, 11.4139, 9.6169

Sweetspot

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



11.4160, 11.4144, 20.3406



29.0881, 30.2851, 37.8691



14.0145, 17.3820, 18.8313



6.7137, 6.9783, 8.8962



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.4160, 11.4144, 20.3406



18.1421, 17.7685, 36.0301



11.7781, 10.5991, 20.1641



3.8614, 4.0212, 5.0158



4.0908, 2.2641, 19.6067



18.9888, 9.7502, 93.3509

Inverse Universe

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



13.5168, 11.6750, 12.1312



22.5725, 18.4499, 18.6883



15.5109, 18.3167, 11.5224



4.0305, 4.0279, 4.3583



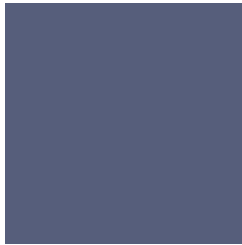
8.6482, 4.4354, 1.4383



40.9878, 21.0515, 5.4659

Previews

White Background



This preview shows how the XYZ color 11.4156, 11.4139, 20.3403 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 11.4156, 11.4139, 20.3403 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

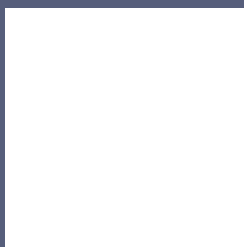
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4156, 11.4139, 20.3403

Background



This preview shows how black text looks on a background with the XYZ color 11.4156, 11.4139, 20.3403.

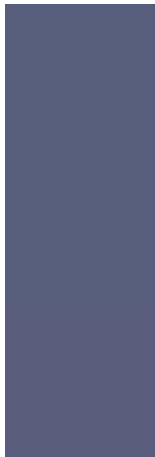


This preview shows how white text looks on a background with the XYZ color 11.4156, 11.4139,

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

11.4156, 11.4139, 20.3403

Protanopia

11.5083, 11.4617, 20.3447

Deuteranopia

11.6093, 11.3826, 20.3241



Tritanopia

10.3042, 11.3631, 15.0148

Trichromacy



Original Color

11.4156, 11.4139, 20.3403

Protanomaly

11.5083, 11.4617, 20.3447

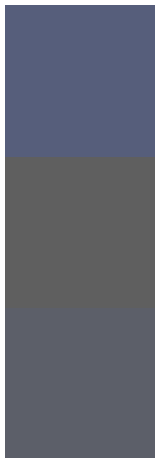
Deuteranomaly

11.5140, 11.3335, 20.3196

Tritanomaly

10.6748, 11.3746, 16.9621

Monochromacy



Original Color

11.4156, 11.4139, 20.3403

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.0556, 11.4797, 14.9977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4156, 11.4139, 20.3403 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, 94, 123) looks like.

```
.text, #text, p{  
    color:rgb(86, 94, 123)  
}
```

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, 94, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 94, 123) }
```

Border

The CSS property to change the border of an element to XYZ 11.4156, 11.4139, 20.3403 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, 94, 123) }
```


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

```
.border{ border-color:rgb(86, 94, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 94, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 94, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 94, 123);  
box-shadow:4px 4px 4px 4px rgb(86, 94,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4156, 11.4139, 20.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 94, 123) }
```

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

```
.background{ background-color: rgb(86, 94,  
123) }
```

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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