

Converting Colors

XYZ(11.1464, 11.2740, 25.5872)

Have a look what the booklet for
XYZ(11.1464, 11.2740, 25.5872)
contains.

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Color

**XYZ(11.1339, 11.2846,
25.6361)**

Conversions

Conversions Part 1

Format	Color
Hex	455F8A
RGB	69, 95, 138
RGB Percent	27%, 37%, 54%
CMY	0.7294, 0.6274, 0.4588
CMYK	0.50, 0.31, 0.00, 0.46
HSL	217°, 33%, 41%
HSV	217°, 50%, 54%
XYZ	11.1339, 11.2846, 25.6361
YIQ	92.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

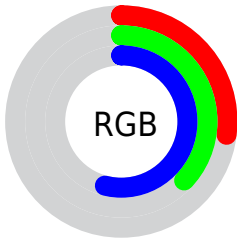
Format	Color
R_{YB}	69, 88, 138
Decimal	4546442
CIE _{Lab}	40.06, 3.03, -26.85
CIE _{LCh}	40, 27.021, 276.433
Yxy	11.2846, 0.2317, 0.2348
Android (android.graphics.Color)	4282736522 (0xFF455F8A)
YUV	92.1280, 22.6149, -20.2833
Hunter-Lab	33.5926, 0.3750, -21.7323

Details

The XYZ color **11.1339, 11.2846, 25.6361** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **17.3500, 17.4219, 8.0791**, and the grayscale version is **10.1569, 10.6858, 11.6369**.

A 20% lighter version of the original color is **27.5250, 28.1215, 53.8464**, and **3.0257, 2.9868, 9.6495** is the 20% darker color. If you saturate the color by 10%, you get **9.5341, 9.3728, 25.3516**, and if you desaturate by 10%, it is **13.0477, 13.4857, 25.9603**.

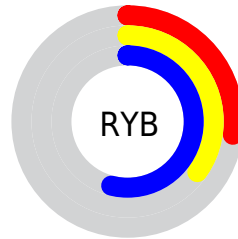
Distribution



Red (27%)

Green (37%)

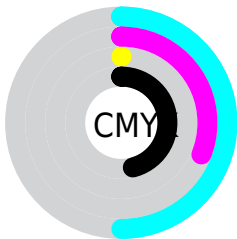
Blue (54%)



Red (27%)

Yellow (35%)

Blue (54%)

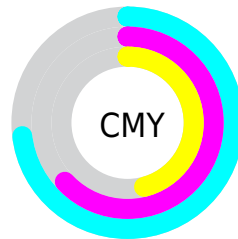


Cyan (50%)

Magenta (31%)

Yellow (0%)

Black (46%)



Cyan (73%)

Magenta (63%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1339, 11.2846, 25.6361 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 11.1339, 11.2846, 25.6361 by changing the saturation by 10% instead.

■ 11.1339, 11.2846,
25.6361

■ 11.1339, 11.2846,
25.6361

192.4733,
199.6098, 294.5395

■ 6.2249, 6.2586,
16.3283

■ 27.5383, 28.1853,
53.6642

■ 3.0243, 3.0030,
9.5999

■ 39.7644, 40.8287,
73.2215

■ 1.1666, 1.1333,
5.0324

■ 55.1602, 56.7801,
97.0324

■ 0.0798, 0.0062,
2.2072

■ 74.0912, 76.4238,
125.5154

■ 0.0000, 0.0000,
0.6785

■ 96.9226, 100.1442,
159.0891

■ 0.0000, 0.0000,
0.0000

124.0199,

128.3258, 198.1720

155.7483,
161.3528, 243.1826

■ 11.1339, 11.2846,
25.6361

■ 11.1339, 11.2846,
25.6361

■ 9.5341, 9.3728,
25.3516

■ 13.0477, 13.4857,
25.9603

■ 8.2284, 7.7353,
25.1044

■ 15.2916, 15.9876,
26.3250

■ 7.1961, 6.3573,
24.8928

■ 17.8815, 18.8026,
26.7318

■ 6.4131, 5.2218,
24.7149

■ 20.8324, 21.9419,
27.1822

■ 5.8155, 4.2911,
24.5667

■ 24.1581, 25.4162,
27.6775

■ 5.8154, 4.2909,
24.5667

■ 27.8717, 29.2355,
28.2190

■ 31.9855, 33.4095,
28.8078

■ 36.5116, 37.9473,
29.4452

■ 41.4612, 42.8580,
30.1322

Harmonies

Analogous

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



9.3503, 11.2846, 24.3603



11.1339, 11.2846, 25.6361



13.0077, 11.2846, 22.5832

Triad

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



11.1339, 11.2846, 25.6361



13.8891, 11.2846, 7.1267



7.7540, 11.2846, 8.6100

Complementary

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



11.1339, 11.2846, 25.6361



17.3500, 17.4219, 8.0791

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.



8.7275, 11.2846, 5.7209



11.1339, 11.2846, 25.6361



12.2297, 11.2846, 5.0549

Square

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



11.1339, 11.2846, 25.6361



14.7135, 11.2846, 11.1682



10.3275, 11.2846, 4.6279



7.5326, 11.2846, 13.4782

Rectangle

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



11.1339, 11.2846, 25.6361



14.0120, 11.2846, 18.9113



10.3275, 11.2846, 4.6279



7.9981, 11.2846, 7.4244

Sweetspot

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



11.1343, 11.2850, 25.6364



33.8712, 35.6585, 47.4807



14.4428, 20.6023, 18.4141



7.3886, 7.7756, 10.6177



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.



11.1343, 11.2850, 25.6364



16.4814, 16.1237, 44.6267



9.7806, 7.6716, 25.0103



4.9190, 5.1810, 6.3466



5.3451, 3.9605, 22.5284



0.0488, 0.0529, 0.1541

Inverse Universe

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



14.6753, 10.4862, 12.0774



23.6648, 15.2462, 16.9535



19.3612, 23.3488, 9.1171



5.1058, 5.0777, 5.6453



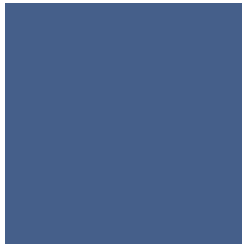
10.1848, 5.1840, 3.4773



0.0744, 0.0371, 0.0584

Previews

White Background



This preview shows how the XYZ color 11.1339, 11.2846, 25.6361 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 11.1339, 11.2846, 25.6361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

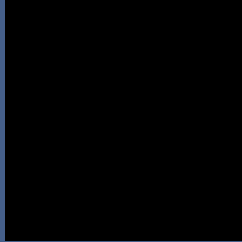
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

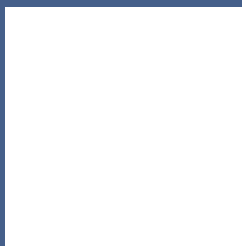
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1339, 11.2846, 25.6361

Background



This preview shows how black text looks on a background with the XYZ color 11.1339, 11.2846, 25.6361.

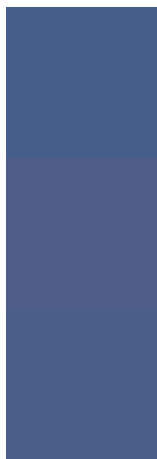


This preview shows how white text looks on a background with the XYZ color 11.1339, 11.2846,

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

11.1339, 11.2846, 25.6361

Protanopia

11.6666, 11.3117, 24.8610

Deuteranopia

11.4918, 11.3362, 25.6272



Tritanopia

9.2775, 11.3721, 16.1741

Trichromacy



Original Color

11.1339, 11.2846, 25.6361

Protanomaly

11.4986, 11.3480, 25.2513

Deuteranomaly

11.3378, 11.2569, 25.6200

Tritanomaly

9.9019, 11.3365, 19.4356

Monochromacy



Original Color

11.1339, 11.2846, 25.6361

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.3308, 10.8176, 16.0115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1339, 11.2846, 25.6361 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(69, 95, 138)` looks like.

```
.text, #text, p{  
    color:rgb(69, 95, 138)  
}
```

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(69, 95, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 95, 138) }
```

Border

The CSS property to change the border of an element to XYZ 11.1339, 11.2846, 25.6361 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(69, 95, 138) }
```


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

```
.border{ border-color:rgb(69, 95, 138) }
```

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

Here you see how a box with a 4 pixel rgb(69, 95, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 95, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 95, 138);  
box-shadow:4px 4px 4px 4px rgb(69, 95,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1339, 11.2846, 25.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 95, 138) }
```

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

```
.background{ background-color: rgb(69, 95,  
138) }
```

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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