

Converting Colors

XYZ(11.5227, 13.6941, 18.5589)

Have a look what the booklet for
XYZ(11.5227, 13.6941, 18.5589)
contains.

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Color

**XYZ(11.5227, 13.6941,
18.5589)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6D74
RGB	75, 109, 116
RGB Percent	29%, 43%, 45%
CMY	0.7059, 0.5725, 0.5451
CMYK	0.35, 0.06, 0.00, 0.55
HSL	190°, 21%, 37%
HSV	190°, 35%, 45%
XYZ	11.5227, 13.6941, 18.5589
YIQ	99.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

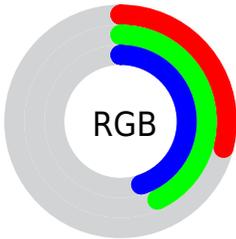
Format	Color
R_{YB}	75, 94, 116
Decimal	4943220
CIE _{Lab}	43.79, -10.26, -7.80
CIE _{LCh}	44, 12.888, 217.258
Yxy	13.6941, 0.2632, 0.3128
Android (android.graphics.Color)	4283133300 (0xFF4B6D74)
YUV	99.6320, 8.0694, -21.6023
Hunter-Lab	37.0055, -9.1788, -3.8311

Details

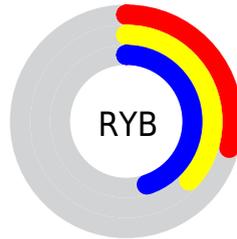
The XYZ color **11.5227, 13.6941, 18.5589** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.4900, 10.2558, 8.0310**, and the grayscale version is **12.0041, 12.6293, 13.7533**.

A 20% lighter version of the original color is **28.2702, 32.6769, 41.8631**, and **3.1641, 3.9879, 6.0718** is the 20% darker color. If you saturate the color by 10%, you get **10.4881, 12.8510, 18.4509**, and if you desaturate by 10%, it is **12.7284, 14.6331, 18.6768**.

Distribution



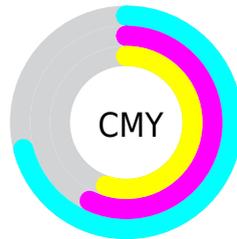
-  Red (29%)
-  Green (43%)
-  Blue (45%)



-  Red (29%)
-  Yellow (37%)
-  Blue (45%)



-  Cyan (35%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (71%)
-  Magenta (57%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5227, 13.6941, 18.5589 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 11.5227, 13.6941, 18.5589 by changing the saturation by 10% instead.

■ 11.5227, 13.6941,
18.5589

■ 11.5227, 13.6941,
18.5589

195.0545,
215.3194, 256.3438

■ 6.4894, 7.9082,
11.1784

■ 28.2472, 32.5453,
41.8141

■ 3.1884, 4.0363,
6.0713

■ 40.6692, 46.3793,
58.5259

■ 1.2541, 1.6939,
2.8190

■ 56.2848, 63.6649,
79.1853

■ 0.1485, 0.4197,
1.0030

■ 75.4594, 84.7864,
104.2107

■ 0.0000, 0.0000,
0.0000

■ 98.5583, 110.1282,
134.0207

125.9468,

140.0747, 169.0339

157.9904,
175.0103, 209.6687

■ 11.5227, 13.6941,
18.5589

■ 11.5227, 13.6941,
18.5589

■ 10.4881, 12.8510,
18.4509

■ 12.7284, 14.6331,
18.6768

■ 9.6143, 12.0974,
18.3515

■ 14.1122, 15.6708,
18.8042

■ 8.8917, 11.4289,
18.2606

■ 15.6825, 16.8117,
18.9416

■ 8.3095, 10.8396,
18.1775

■ 17.4464, 18.0597,
19.0896

■ 7.8551, 10.3230,
18.1018

■ 19.4110, 19.4183,
19.2483

■ 7.5059, 9.8676,
18.0323

■ 21.5828, 20.8910,
19.4181

■ 7.3535, 9.6631,
18.0008

■ 23.9680, 22.4812,
19.5993

■ 26.5727, 24.1918,
19.7922

■ 29.4027, 26.0260,
19.9970

Harmonies

Analogous

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



11.1733, 13.6941, 15.6283



11.5227, 13.6941, 18.5589



12.2755, 13.6941, 20.6856

Triad

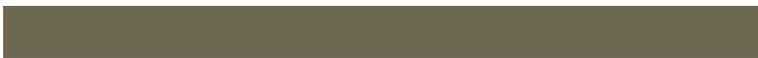
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.5227, 13.6941, 18.5589



14.9010, 13.6941, 17.1786



12.7707, 13.6941, 10.0226

Complementary

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



11.5227, 13.6941, 18.5589



11.4900, 10.2558, 8.0310

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.



13.7854, 13.6941, 10.3248



11.5227, 13.6941, 18.5589



15.0505, 13.6941, 14.2151

Square

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



11.5227, 13.6941, 18.5589



14.2341, 13.6941, 19.8192



14.6327, 13.6941, 11.7747



11.8691, 13.6941, 10.8877

Rectangle

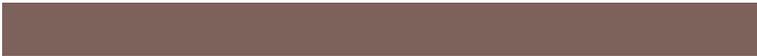
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.5227, 13.6941, 18.5589



12.9226, 13.6941, 21.2231



14.6327, 13.6941, 11.7747



13.1095, 13.6941, 9.9931

Sweetspot

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



11.5231, 13.6946, 18.5592



25.8882, 28.3390, 33.1500



10.6640, 14.5936, 10.2046



6.1090, 6.7118, 7.9025



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.5231, 13.6946, 18.5592



18.8252, 22.9133, 32.4750



9.5991, 9.8466, 17.9179



3.7327, 4.0540, 4.6760



8.2406, 10.8210, 20.1969



39.6109, 51.6384, 98.2398

Inverse Universe

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



12.4792, 9.8497, 15.7120



20.7989, 15.2691, 26.5320



13.2569, 13.7897, 8.6200



3.8011, 3.7477, 4.4793



10.4566, 5.1164, 12.8787



50.6805, 24.8223, 61.3061

Previews

White Background



This preview shows how the XYZ color 11.5227, 13.6941, 18.5589 looks on a white background.

Color Contrast Check

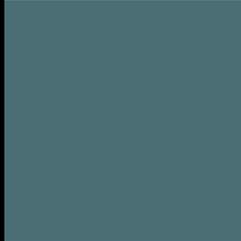
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5227, 13.6941, 18.5589 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

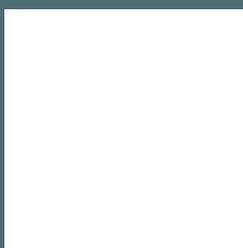
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5227, 13.6941, 18.5589

Background



This preview shows how black text looks on a background with the XYZ color 11.5227, 13.6941, 18.5589.



This preview shows how white text looks on a background with the XYZ color 11.5227, 13.6941,

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

11.5227, 13.6941, 18.5589

Protanopia

13.1555, 13.4974, 17.2411

Deuteranopia

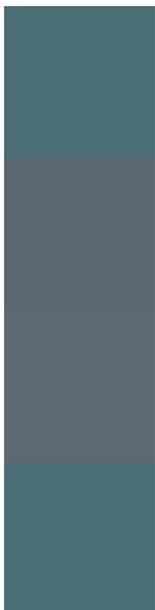
13.8676, 13.6795, 19.0491



Tritanopia

11.6403, 13.7411, 19.1783

Trichromacy



Original Color

11.5227, 13.6941, 18.5589

Protanomaly

12.4458, 13.5707, 17.5862

Deuteranomaly

12.8805, 13.6179, 18.7793

Tritanomaly

11.5812, 13.7175, 18.8670

Monochromacy



Original Color

11.5227, 13.6941, 18.5589

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.7662, 12.9652, 15.5181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5227, 13.6941, 18.5589 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(75, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(75, 109, 116)  
}
```

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(75, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 109, 116) }
```

Border

The CSS property to change the border of an element to XYZ 11.5227, 13.6941, 18.5589 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(75, 109, 116) }
```


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

```
.border{ border-color:rgb(75, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 109, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 109, 116);  
box-shadow:4px 4px 4px 4px rgb(75, 109,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5227, 13.6941, 18.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 109, 116) }
```

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

```
.background{ background-color: rgb(75, 109,  
116) }
```

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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