

Converting Colors

XYZ(11.9974, 13.6494, 18.9245)

Have a look what the booklet for
XYZ(11.9974, 13.6494, 18.9245)
contains.

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Color

**XYZ(11.9483, 13.5936,
18.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	526B75
RGB	82, 107, 117
RGB Percent	32%, 42%, 46%
CMY	0.6784, 0.5804, 0.5412
CMYK	0.30, 0.09, 0.00, 0.54
HSL	197°, 18%, 39%
HSV	197°, 30%, 46%
XYZ	11.9483, 13.5936, 18.8237
YIQ	100.6650, -18.1100, -2.1900

Conversions

Conversions Part 2

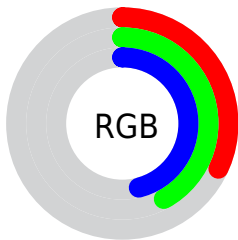
Format	Color
R_{YB}	82, 97, 117
Decimal	5401461
CIE _{Lab}	43.64, -6.62, -8.58
CIE _{LCh}	44, 10.835, 232.366
Yxy	13.5936, 0.2693, 0.3064
Android (android.graphics.Color)	4283591541 (0xFF526B75)
YUV	100.6650, 8.0532, -16.3692
Hunter-Lab	36.8695, -6.6751, -4.4618

Details

The XYZ color **11.9483, 13.5936, 18.8237** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6865, 12.0456, 9.6395**, and the grayscale version is **12.2670, 12.9058, 14.0545**.

A 20% lighter version of the original color is **28.9040, 32.2238, 42.2325**, and **3.3832, 4.0187, 6.2276** is the 20% darker color. If you saturate the color by 10%, you get **10.6747, 12.4300, 18.6665**, and if you desaturate by 10%, it is **13.4097, 14.8747, 18.9942**.

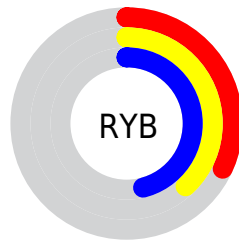
Distribution



Red (32%)

Green (42%)

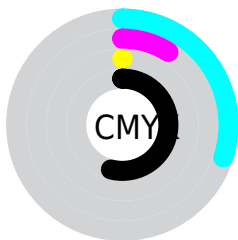
Blue (46%)



Red (32%)

Yellow (38%)

Blue (46%)

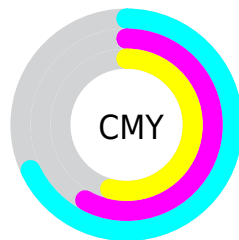


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (54%)



Cyan (68%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9483, 13.5936, 18.8237 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 11.9483, 13.5936, 18.8237 by changing the saturation by 10% instead.

■ 11.9483, 13.5936,
18.8237

■ 11.9483, 13.5936,
18.8237

197.8396,
214.6877, 257.8640

■ 6.7804, 7.8386,
11.3674

■ 29.0186, 32.3662,
42.2687

■ 3.3703, 3.9918,
6.1973

■ 41.6517, 46.1525,
59.0945

■ 1.3525, 1.6690,
2.8947

■ 57.5040, 63.3847,
79.8806

■ 0.2220, 0.4035,
1.0411

■ 76.9407, 84.4472,
105.0455

■ 0.0000, 0.0000,
0.0000

■ 100.3273,
109.7243, 135.0077

128.0291,

139.6005, 170.1859

160.4114,
174.4602, 210.9984

■ 11.9483, 13.5936,
18.8237

■ 11.9483, 13.5936,
18.8237

■ 10.6747, 12.4300,
18.6665

■ 13.4097, 14.8747,
18.9942

■ 9.5787, 11.3773,
18.5210

■ 15.0661, 16.2762,
19.1774

■ 8.6510, 10.4311,
18.3873

■ 16.9256, 17.8029,
19.3741

■ 7.8810, 9.5853,
18.2646

■ 18.9955, 19.4587,
19.5846

■ 7.2565, 8.8338,
18.1525

■ 21.2830, 21.2475,
19.8093

6.7637, 8.1689,
18.0501

23.7946, 23.1729,
20.0486

6.3519, 7.5644,
17.9551

26.5366, 25.2384,
20.3027

6.3484, 7.5593,
17.9543

29.5153, 27.4473,
20.5721

32.7364, 29.8029,
20.8570

Harmonies

Analogous

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



11.4678, 13.5936, 16.6536



11.9483, 13.5936, 18.8237



12.7045, 13.5936, 19.9390

Triad

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



11.9483, 13.5936, 18.8237



14.6079, 13.5936, 15.4314



12.3086, 13.5936, 10.8826

Complementary

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



11.9483, 13.5936, 18.8237



12.6865, 12.0456, 9.6395

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.



13.1385, 13.5936, 10.6316



11.9483, 13.5936, 18.8237



14.4906, 13.5936, 13.0914

Square

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



11.9483, 13.5936, 18.8237



14.2576, 13.5936, 17.8455



13.9437, 13.5936, 11.3968



11.6694, 13.5936, 12.1243

Rectangle

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



11.9483, 13.5936, 18.8237



13.2733, 13.5936, 19.8573



13.9437, 13.5936, 11.3968



12.5736, 13.5936, 10.6855

Sweetspot

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



11.9487, 13.5941, 18.8240



27.1936, 29.3245, 34.3639



11.7694, 15.2880, 12.4371



6.1670, 6.6712, 7.8916



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.



11.9487, 13.5941, 18.8240



19.7614, 22.8587, 33.5076



10.3121, 10.3209, 18.2785



3.6992, 3.9869, 4.6648



6.9810, 8.3016, 19.7770



33.2611, 38.9388, 96.1232

Inverse Universe

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



13.0076, 10.8785, 15.3247



22.0314, 17.3064, 25.9458



14.3726, 15.4178, 10.2015



3.7842, 3.7409, 4.3902



9.8208, 4.8620, 9.5305



47.4754, 23.5403, 44.4284

Previews

White Background



This preview shows how the XYZ color 11.9483, 13.5936, 18.8237 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 11.9483, 13.5936, 18.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

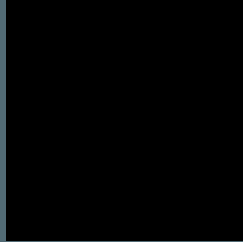
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9483, 13.5936, 18.8237

Background



This preview shows how black text looks on a background with the XYZ color 11.9483, 13.5936, 18.8237.



This preview shows how white text looks on a background with the XYZ color 11.9483, 13.5936,

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

11.9483, 13.5936, 18.8237

Protanopia

13.1555, 13.4843, 17.8290

Deuteranopia

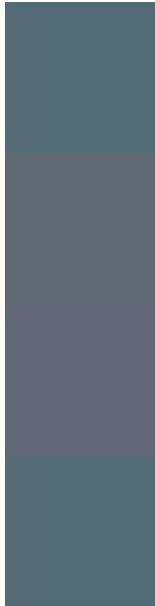
13.6529, 13.4256, 19.0114



Tritanopia

11.8898, 13.5702, 18.5156

Trichromacy



Original Color

11.9483, 13.5936, 18.8237

Protanomaly

12.6609, 13.5181, 18.1616

Deuteranomaly

13.0500, 13.5499, 19.0671

Tritanomaly

11.8898, 13.5702, 18.5156

Monochromacy



Original Color

11.9483, 13.5936, 18.8237

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1202, 13.1417, 15.8077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9483, 13.5936, 18.8237 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(82, 107, 117) looks like.

```
.text, #text, p{  
  color:rgb(82, 107, 117)  
}
```

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(82, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 107, 117) }
```

Border

The CSS property to change the border of an element to XYZ 11.9483, 13.5936, 18.8237 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(82, 107, 117) }
```


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

```
.border{ border-color:rgb(82, 107, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 107, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(82, 107,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9483, 13.5936, 18.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 107, 117) }
```

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

```
.background{ background-color: rgb(82, 107,  
117) }
```

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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