

Converting Colors

XYZ(11.2183, 13.4806, 18.9330)

Have a look what the booklet for
XYZ(11.2183, 13.4806, 18.9330)
contains.

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Color

**XYZ(11.2053, 13.5237,
18.8494)**

Conversions

Conversions Part 1

Format	Color
Hex	466D75
RGB	70, 109, 117
RGB Percent	27%, 43%, 46%
CMY	0.7255, 0.5725, 0.5412
CMYK	0.40, 0.07, 0.00, 0.54
HSL	190°, 25%, 37%
HSV	190°, 40%, 46%
XYZ	11.2053, 13.5237, 18.8494
YIQ	98.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

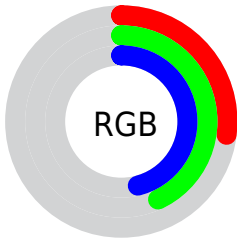
Format	Color
R_{YB}	70, 91, 117
Decimal	4615541
CIE _{Lab}	43.54, -11.48, -8.81
CIE _{LCh}	44, 14.468, 217.501
Yxy	13.5237, 0.2571, 0.3103
Android (android.graphics.Color)	4282805621 (0xFF466D75)
YUV	98.2510, 9.2433, -24.7761
Hunter-Lab	36.7746, -9.9662, -4.6478

Details

The XYZ color **11.2053, 13.5237, 18.8494** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.1662, 9.6731, 7.0732**, and the grayscale version is **11.6546, 12.2615, 13.3528**.

A 20% lighter version of the original color is **27.7915, 32.4193, 42.3289**, and **3.0314, 3.9159, 6.2263** is the 20% darker color. If you saturate the color by 10%, you get **10.2323, 12.7106, 18.7440**, and if you desaturate by 10%, it is **12.3485, 14.4323, 18.9648**.

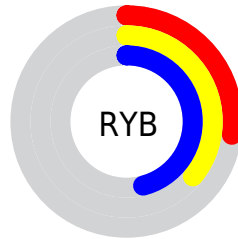
Distribution



Red (27%)

Green (43%)

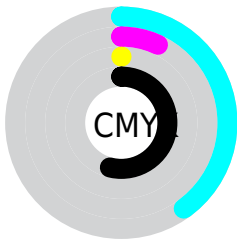
Blue (46%)



Red (27%)

Yellow (36%)

Blue (46%)

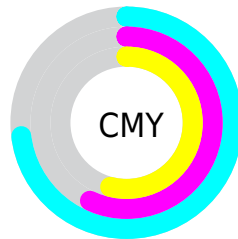


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2053, 13.5237, 18.8494 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 11.2053, 13.5237, 18.8494 by changing the saturation by 10% instead.

■ 11.2053, 13.5237,
18.8494

■ 11.2053, 13.5237,
18.8494

192.9500,
214.2473, 258.0111

■ 6.2734, 7.7901,
11.3858

■ 27.6688, 32.2415,
42.3128

■ 3.0543, 3.9610,
6.2095

■ 39.9311, 45.9945,
59.1496

■ 1.1825, 1.6517,
2.9021

■ 55.3675, 63.1895,
79.9480

■ 0.0925, 0.3921,
1.0448

■ 74.3435, 84.2108,
105.1263

■ 0.0000, 0.0000,
0.0000

■ 97.2244, 109.4428,
135.1033

124.3756,

139.2700, 170.2974

156.1623,
174.0767, 211.1271

■ 11.2053, 13.5237,
18.8494

■ 11.2053, 13.5237,
18.8494

■ 10.2323, 12.7106,
18.7440

■ 12.3485, 14.4323,
18.9648

■ 9.4185, 11.9864,
18.6471

■ 13.6694, 15.4394,
19.0895

■ 8.7538, 11.3461,
18.5585

■ 15.1766, 16.5498,
19.2244

■ 8.2262, 10.7834,
18.4777

■ 16.8780, 17.7675,
19.3698

■ 7.8218, 10.2913,
18.4040

■ 18.7807, 19.0964,
19.5260

■ 7.4938, 9.8500,
18.3362

■ 20.8916, 20.5399,
19.6934

■ 23.2172, 22.1016,
19.8722

■ 25.7639, 23.7847,
20.0629

■ 28.5377, 25.5924,
20.2656

Harmonies

Analogous

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



10.8169, 13.5237, 15.5528



11.2053, 13.5237, 18.8494



12.0399, 13.5237, 21.2581

Triad

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



11.2053, 13.5237, 18.8494



14.9686, 13.5237, 17.2381



12.5722, 13.5237, 9.3750

Complementary

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



11.2053, 13.5237, 18.8494



11.1662, 9.6731, 7.0732

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.



13.7038, 13.5237, 9.6897



11.2053, 13.5237, 18.8494



15.1317, 13.5237, 13.9272

Square

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



11.2053, 13.5237, 18.8494



14.2231, 13.5237, 20.2368



14.6567, 13.5237, 11.2509



11.5754, 13.5237, 10.3177

Rectangle

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



11.2053, 13.5237, 18.8494



12.7593, 13.5237, 21.8614



14.6567, 13.5237, 11.2509



12.9489, 13.5237, 9.3400

Sweetspot

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



11.2057, 13.5242, 18.8497



26.5701, 29.1939, 34.3716



10.2566, 14.5726, 9.4490



6.0488, 6.6682, 7.8973



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.



11.2057, 13.5242, 18.8497



18.4725, 22.8892, 33.5814



9.0382, 9.1893, 18.1272



3.7328, 4.0543, 4.6761



8.2467, 10.8332, 20.1989



39.6419, 51.7003, 98.2501

Inverse Universe

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



12.2869, 9.2667, 15.6096



20.7441, 14.3537, 26.6823



13.1280, 13.5967, 7.7272



3.8012, 3.7478, 4.4797



10.4597, 5.1176, 12.8949



50.6961, 24.8286, 61.3884

Previews

White Background



This preview shows how the XYZ color 11.2053, 13.5237, 18.8494 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 11.2053, 13.5237, 18.8494 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

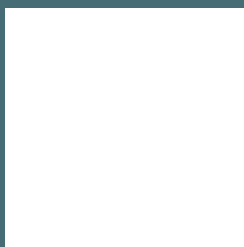
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2053, 13.5237, 18.8494

Background



This preview shows how black text looks on a background with the XYZ color 11.2053, 13.5237, 18.8494.



This preview shows how white text looks on a background with the XYZ color 11.2053, 13.5237,

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

11.2053, 13.5237, 18.8494

Protanopia

13.0428, 13.4393, 17.2358

Deuteranopia

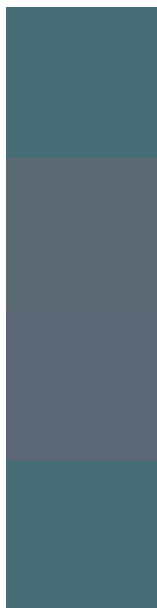
13.7126, 13.4495, 19.3260



Tritanopia

11.2644, 13.5474, 19.1607

Trichromacy



Original Color

11.2053, 13.5237, 18.8494

Protanomaly

12.3053, 13.4917, 17.8752

Deuteranomaly

12.5339, 13.2838, 19.0430

Tritanomaly

11.2644, 13.5474, 19.1607

Monochromacy



Original Color

11.2053, 13.5237, 18.8494

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.3257, 12.5974, 15.1992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2053, 13.5237, 18.8494 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(70, 109, 117)` looks like.

```
.text, #text, p{  
    color:rgb(70, 109, 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(70, 109, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 109, 117) }
```

Border

The CSS property to change the border of an element to XYZ 11.2053, 13.5237, 18.8494 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(70, 109, 117) }
```


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

```
.border{ border-color:rgb(70, 109, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 109, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 109, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 109, 117);  
box-shadow:4px 4px 4px 4px rgb(70, 109,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2053, 13.5237, 18.8494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 109, 117) }
```

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

```
.background{ background-color: rgb(70, 109,  
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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