

Converting Colors

XYZ(11.5761, 17.8255, 11.5089)

Have a look what the booklet for
XYZ(11.5761, 17.8255, 11.5089)
contains.

XYZ(11.5596, 17.8183, 11.4243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.5596, 17.8183,
11.4243)**

Conversions

Conversions Part 1

Format	Color
Hex	3B8355
RGB	59, 131, 85
RGB Percent	23%, 51%, 33%
CMY	0.7686, 0.4863, 0.6667
CMYK	0.55, 0.00, 0.35, 0.49
HSL	142°, 38%, 37%
HSV	142°, 55%, 51%
XYZ	11.5596, 17.8183, 11.4243
YIQ	104.2280, -28.1460, -29.5700

Conversions

Conversions Part 2

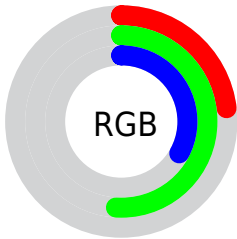
Format	Color
RYB	59, 112, 131
Decimal	3900245
CIELab	49.27, -33.63, 18.21
CIELCh	49, 38.246, 151.563
Yxy	17.8183, 0.2833, 0.4367
Android (android.graphics.Color)	4282090325 (0xFF3B8355)
YUV	104.2280, -9.4794, -39.6650
Hunter-Lab	42.2117, -24.9886, 13.5018

Details

The XYZ color **11.5596, 17.8183, 11.4243** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.4744, 8.9735, 14.3870**, and the grayscale version is **13.2496, 13.9396, 15.1802**.

A 20% lighter version of the original color is **28.4042, 39.8919, 29.1245**, and **3.3086, 6.0313, 2.9092** is the 20% darker color. If you saturate the color by 10%, you get **10.5655, 17.3425, 9.7437**, and if you desaturate by 10%, it is **12.7889, 18.4118, 13.3220**.

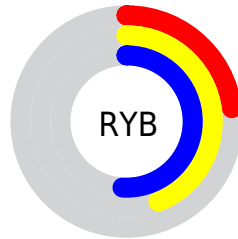
Distribution



Red (23%)

Green (51%)

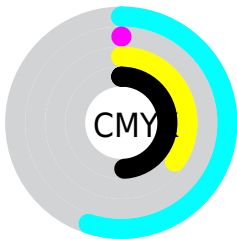
Blue (33%)



Red (23%)

Yellow (44%)

Blue (51%)

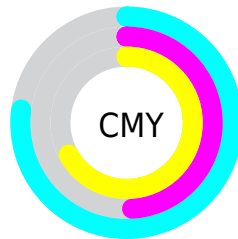


Cyan (55%)

Magenta (0%)

Yellow (35%)

Black (49%)



Cyan (77%)

Magenta (49%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5596, 17.8183, 11.4243 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 11.5596, 17.8183, 11.4243 by changing the saturation by 10% instead.

■ 11.5596, 17.8183,
11.4243

■ 11.5596, 17.8183,
11.4243

195.2976,
239.8449, 211.3967

■ 6.5146, 10.8196,
6.2352

■ 28.3143, 39.7275,
29.0907

■ 3.2041, 5.9457,
2.9175

■ 40.7547, 55.4067,
42.4051

■ 1.2626, 2.8121,
1.0527

■ 56.3910, 74.7483,
59.2651

■ 0.1549, 1.0344,
0.0000

■ 75.5885, 98.1366,
80.0891

■ 0.0000, 0.0000,
0.0000

■ 98.7125, 125.9561,
105.2957

■ 126.1285,

158.5910, 135.3035

158.2017,
196.4258, 170.5310

■ 11.5596, 17.8183,
11.4243

■ 11.5596, 17.8183,
11.4243

■ 10.5655, 17.3425,
9.7437

■ 12.7889, 18.4118,
13.3220

■ 9.7889, 16.9739,
8.2712

■ 14.2667, 19.1282,
15.4432

■ 9.2118, 16.7040,
6.9987

■ 16.0067, 19.9750,
17.7952

■ 8.8084, 16.5195,
5.9171

■ 18.0215, 20.9584,
20.3849

■ 8.6359, 16.4410,
5.4401

■ 20.3225, 22.0843,
23.2188

■ 22.9208, 23.3582,
26.3031

■ 25.8267, 24.7852,
29.6439

■ 29.0499, 26.3705,
33.2468

■ 32.5999, 28.1186,
37.1176

Harmonies

Analogous

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



13.5717, 17.8183, 6.9567



11.5596, 17.8183, 11.4243



10.9275, 17.8183, 19.9458

Triad

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



11.5596, 17.8183, 11.4243



17.1249, 17.8183, 46.6509



23.5284, 17.8183, 10.7801

Complementary

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



11.5596, 17.8183, 11.4243



13.4744, 8.9735, 14.3870

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.



24.8203, 17.8183, 18.8664



11.5596, 17.8183, 11.4243



20.8142, 17.8183, 41.6057

Square

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



11.5596, 17.8183, 11.4243



13.8553, 17.8183, 42.5097



23.7638, 17.8183, 30.4263



20.4420, 17.8183, 6.6879

Rectangle

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



11.5596, 17.8183, 11.4243



11.2904, 17.8183, 27.6165



23.7638, 17.8183, 30.4263



24.2051, 17.8183, 13.0016

Sweetspot

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



11.5601, 17.8190, 11.4247



31.7331, 37.2675, 35.8249



14.8264, 19.6011, 7.1397



7.2368, 8.6027, 8.1486



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.5601, 17.8190, 11.4247



18.5276, 30.8686, 16.7380



13.3228, 18.5241, 20.7071



4.6807, 5.2305, 5.3296



8.5016, 16.1835, 5.3610



0.0327, 0.0574, 0.0358

Inverse Universe

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



13.4744, 8.9735, 14.3870



22.3175, 13.2914, 22.5545



12.0237, 8.3932, 6.7478



4.7884, 4.7350, 5.4980



10.7783, 5.3757, 8.6709



0.0408, 0.0200, 0.0485

Previews

White Background



This preview shows how the XYZ color 11.5596, 17.8183, 11.4243 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 11.5596, 17.8183, 11.4243 looks on a black 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

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

XYZ 11.5596, 17.8183, 11.4243

Background



This preview shows how black text looks on a background with the XYZ color 11.5596, 17.8183, 11.4243.



This preview shows how white text looks on a background with the XYZ color 11.5596, 17.8183,

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

11.5596, 17.8183, 11.4243

Protanopia

16.2609, 17.4909, 9.9162

Deuteranopia

17.9139, 17.6280, 11.9096



Tritanopia

14.4544, 17.8330, 25.6019

Trichromacy



Original Color

11.5596, 17.8183, 11.4243

Protanomaly

13.8021, 17.0936, 10.3565

Deuteranomaly

14.6650, 17.1494, 11.7698

Tritanomaly

13.1842, 17.6920, 19.5496

Monochromacy



Original Color

11.5596, 17.8183, 11.4243

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.1995, 14.9724, 13.5562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5596, 17.8183, 11.4243 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(59, 131, 85)` looks like.

```
.text, #text, p{  
    color:rgb(59, 131, 85)  
}
```

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(59, 131, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 131, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.5596, 17.8183, 11.4243 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(59, 131, 85) }
```


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

```
.border{ border-color:rgb(59, 131, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 131, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 131, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 131, 85);  
box-shadow:4px 4px 4px 4px rgb(59, 131,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5596, 17.8183, 11.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 131, 85) }
```

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

```
.background{ background-color: rgb(59, 131,  
85) }
```

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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