

Converting Colors

XYZ(11.7253, 17.6510, 13.8567)

Have a look what the booklet for
XYZ(11.7253, 17.6510, 13.8567)
contains.

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Color

**XYZ(11.7248, 17.6505,
13.8553)**

Conversions

Conversions Part 1

Format	Color
Hex	388260
RGB	56, 130, 96
RGB Percent	22%, 51%, 38%
CMY	0.7804, 0.4902, 0.6235
CMYK	0.57, 0.00, 0.26, 0.49
HSL	152°, 40%, 36%
HSV	152°, 57%, 51%
XYZ	11.7248, 17.6505, 13.8553
YIQ	103.9980, -33.1900, -26.2620

Conversions

Conversions Part 2

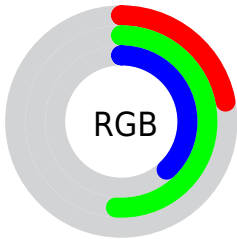
Format	Color
RYB	56, 104, 130
Decimal	3703392
CIELab	49.07, -31.57, 11.59
CIELCh	49, 33.632, 159.838
Yxy	17.6505, 0.2712, 0.4083
Android (android.graphics.Color)	4281893472 (0xFF388260)
YUV	103.9980, -3.9430, -42.0942
Hunter-Lab	42.0125, -23.7063, 9.8555

Details

The XYZ color **11.7248, 17.6505, 13.8553** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.4661, 8.3127, 10.6208**, and the grayscale version is **13.1745, 13.8606, 15.0942**.

A 20% lighter version of the original color is **28.7136, 39.6388, 33.7414**, and **3.4444, 5.9676, 3.9879** is the 20% darker color. If you saturate the color by 10%, you get **10.8259, 17.2181, 12.4320**, and if you desaturate by 10%, it is **12.8343, 18.1899, 15.3983**.

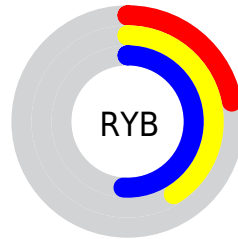
Distribution



Red (22%)

Green (51%)

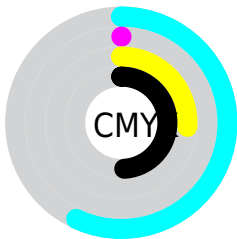
Blue (38%)



Red (22%)

Yellow (41%)

Blue (51%)

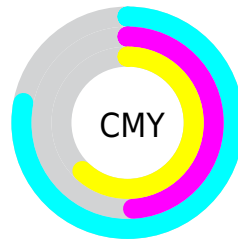


Cyan (57%)

Magenta (0%)

Yellow (26%)

Black (49%)



Cyan (78%)

Magenta (49%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7248, 17.6505, 13.8553 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 11.7248, 17.6505, 13.8553 by changing the saturation by 10% instead.

■ 11.7248, 17.6505,
13.8553

■ 11.7248, 17.6505,
13.8553

196.3821,
238.8936, 227.7258

■ 6.6274, 10.6994,
7.8825

■ 28.6141, 39.4409,
33.5455

■ 3.2745, 5.8651,
3.9332

■ 41.1368, 55.0489,
48.0999

■ 1.3005, 2.7632,
1.5887

■ 56.8652, 74.3113,
66.3520

■ 0.1836, 1.0094,
0.2828

■ 76.1649, 97.6126,
88.7203

■ 0.0000, 0.0000,
0.0000

■ 99.4010, 125.3371,
115.6232

■ 126.9390,

157.8691, 147.4795

159.1443,
195.5932, 184.7075

■ 11.7248, 17.6505,
13.8553

■ 11.7248, 17.6505,
13.8553

■ 10.8259, 17.2181,
12.4320

■ 12.8343, 18.1899,
15.3983

■ 10.1208, 16.8829,
11.1241

■ 14.1667, 18.8414,
17.0628

■ 9.5922, 16.6363,
9.9287

■ 15.7352, 19.6120,
18.8521

■ 9.2063, 16.4610,
8.8416

■ 17.5513, 20.5076,
20.7689

■ 9.0970, 16.4115,
8.5275

■ 19.6257, 21.5339,
22.8158

■ 21.9688, 22.6960,
24.9954

■ 24.5900, 23.9988,
27.3102

■ 27.4985, 25.4469,
29.7625

■ 30.7029, 27.0448,
32.3548

Harmonies

Analogous

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



13.1995, 17.6505, 8.7673



11.7248, 17.6505, 13.8553



11.5048, 17.6505, 22.3253

Triad

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



11.7248, 17.6505, 13.8553



17.8287, 17.6505, 41.7737



21.8502, 17.6505, 10.1363

Complementary

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



11.7248, 17.6505, 13.8553



12.4661, 8.3127, 10.6208

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.



23.4528, 17.6505, 16.4140



11.7248, 17.6505, 13.8553



20.9470, 17.6505, 35.7796

Square

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



11.7248, 17.6505, 13.8553



14.7809, 17.6505, 40.4374



23.1032, 17.6505, 25.8127



18.9436, 17.6505, 7.1311

Rectangle

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



11.7248, 17.6505, 13.8553



12.0669, 17.6505, 29.1644



23.1032, 17.6505, 25.8127



22.5747, 17.6505, 11.8377

Sweetspot

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



11.7253, 17.6512, 13.8557



30.7503, 36.0364, 36.4133



12.9655, 18.4520, 6.6198



6.8378, 8.0962, 8.1161



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.7253, 17.6512, 13.8557



18.7076, 30.1508, 21.2705



13.3191, 17.7700, 23.8479



4.3656, 4.8546, 5.0966



8.7258, 15.7369, 8.1946



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.4661, 8.3127, 10.6208



20.1493, 12.0325, 15.0162



11.4569, 8.1050, 4.7021



4.4035, 4.3746, 4.9295



9.6057, 4.8620, 4.5132



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.7248, 17.6505, 13.8553 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 11.7248, 17.6505, 13.8553 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 11.7248, 17.6505, 13.8553

Background



This preview shows how black text looks on a background with the XYZ color 11.7248, 17.6505, 13.8553.



This preview shows how white text looks on a background with the XYZ color 11.7248, 17.6505,

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

11.7248, 17.6505, 13.8553

Protanopia

16.3607, 17.4971, 11.9662

Deuteranopia

17.7673, 17.4950, 14.4970



Tritanopia

14.0907, 17.6454, 25.5849

Trichromacy



Original Color

11.7248, 17.6505, 13.8553

Protanomaly

13.9147, 17.1001, 12.6925

Deuteranomaly

14.6747, 17.0978, 14.3311

Tritanomaly

13.1549, 17.6492, 20.8025

Monochromacy



Original Color

11.7248, 17.6505, 13.8553

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.1846, 14.7761, 14.5218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7248, 17.6505, 13.8553 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(56, 130, 96)` looks like.

```
.text, #text, p{  
    color:rgb(56, 130, 96)  
}
```

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(56, 130, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 130, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.7248, 17.6505, 13.8553 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(56, 130, 96) }
```


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

```
.border{ border-color:rgb(56, 130, 96) }
```

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

Here you see how a box with a 4 pixel rgb(56, 130, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 130, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 130, 96);  
box-shadow:4px 4px 4px 4px rgb(56, 130,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7248, 17.6505, 13.8553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 130, 96) }
```

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

```
.background{ background-color: rgb(56, 130,  
96) }
```

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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