

Converting Colors

XYZ(11.4936, 15.6528, 8.7248)

Have a look what the booklet for
XYZ(11.4936, 15.6528, 8.7248)
contains.

XYZ(11.4556, 15.5595, 8.7028)	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(11.4556, 15.5595,
8.7028)**

Conversions

Conversions Part 1

Format	Color
Hex	547749
RGB	84, 119, 73
RGB Percent	33%, 47%, 29%
CMY	0.6706, 0.5333, 0.7137
CMYK	0.29, 0.00, 0.39, 0.53
HSL	106°, 24%, 38%
HSV	106°, 39%, 47%
XYZ	11.4556, 15.5595, 8.7028
YIQ	103.2910, -6.0940, -21.7260

Conversions

Conversions Part 2

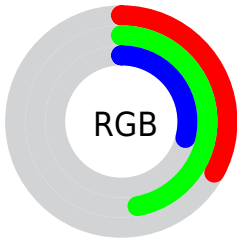
Format	Color
RYB	73, 119, 108
Decimal	5535561
CIELab	46.39, -21.95, 21.42
CIElCh	46, 30.667, 135.697
Yxy	15.5595, 0.3207, 0.4356
Android (android.graphics.Color)	4283725641 (0xFF547749)
YUV	103.2910, -14.9335, -16.9182
Hunter-Lab	39.4455, -17.1905, 14.5308

Details

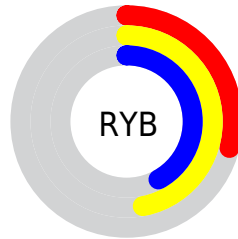
The XYZ color **11.4556, 15.5595, 8.7028** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.8972, 9.2855, 18.6188**, and the grayscale version is **13.0091, 13.6866, 14.9047**.

A 20% lighter version of the original color is **28.0674, 35.6819, 23.8203**, and **3.1273, 4.8392, 1.8678** is the 20% darker color. If you saturate the color by 10%, you get **10.3396, 15.0260, 6.7845**, and if you desaturate by 10%, it is **12.7527, 16.1786, 11.0244**.

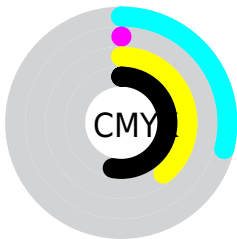
Distribution



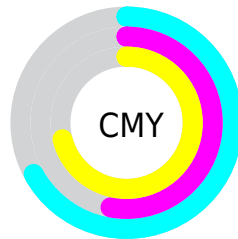
- Red (33%)
- Green (47%)
- Blue (29%)



- Red (29%)
- Yellow (47%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (39%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4556, 15.5595, 8.7028 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 11.4556, 15.5595, 8.7028 by changing the saturation by 10% instead.

■ 11.4556, 15.5595,
8.7028

■ 11.4556, 15.5595,
8.7028

194.6116,
226.7282, 191.2808

■ 6.4437, 9.2130,
4.4537

■ 28.1252, 35.8318,
23.8936

■ 3.1599, 4.8804,
1.8774

■ 40.5136, 50.5263,
35.6724

■ 1.2389, 2.1772,
0.4783

■ 56.0915, 68.7723,
50.7982

■ 0.1367, 0.7075,
0.0000

■ 75.2243, 90.9542,
69.6895

■ 0.0000, 0.0000,
0.0000

■ 98.2773, 117.4563,
92.7649

125.6160,

148.6631, 120.4429

157.6056,
184.9589, 153.1420

■ 11.4556, 15.5595,
8.7028

■ 11.4556, 15.5595,
8.7028

■ 10.3396, 15.0260,
6.7845

■ 12.7527, 16.1786,
11.0244

■ 9.3952, 14.5722,
5.2455

■ 14.2375, 16.8849,
13.7695

■ 8.6138, 14.1948,
4.0610

■ 15.9177, 17.6822,
16.9580

■ 7.9856, 13.8893,
3.2025

■ 17.8002, 18.5738,
20.6084

■ 7.4995, 13.6507,
2.6375

■ 19.8915, 19.5626,
24.7380

■ 7.1318, 13.4689,
2.2698

■ 22.1978, 20.6516,
29.3634

■ 7.0886, 13.4476,
2.2220

■ 24.7251, 21.8434,
34.5002

■ 27.4793, 23.1407,
40.1634

■ 30.4657, 24.5461,
46.3674

Harmonies

Analogous

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



13.4619, 15.5595, 6.4707



11.4556, 15.5595, 8.7028



10.4082, 15.5595, 13.6082

Triad

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



11.4556, 15.5595, 8.7028



13.5738, 15.5595, 35.2176



20.2137, 15.5595, 13.3162

Complementary

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



11.4556, 15.5595, 8.7028



11.8972, 9.2855, 18.6188

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.



20.2530, 15.5595, 20.7794



11.4556, 15.5595, 8.7028



16.2003, 15.5595, 35.0693

Square

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



11.4556, 15.5595, 8.7028



11.5291, 15.5595, 29.5704



18.7130, 15.5595, 29.2108



18.6115, 15.5595, 8.5440

Rectangle

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



11.4556, 15.5595, 8.7028



10.3042, 15.5595, 18.4210



18.7130, 15.5595, 29.2108



20.4160, 15.5595, 15.5437

Sweetspot

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



11.4560, 15.5602, 8.7031



27.3638, 31.1222, 28.1883



14.1209, 15.0236, 8.4591



6.4139, 7.3419, 6.5452



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.4560, 15.5602, 8.7031



18.7920, 27.0391, 12.6155



10.9648, 15.2587, 10.8582



3.7151, 4.1366, 3.9449



7.5231, 14.2826, 2.3603



36.0033, 69.2621, 11.4714

Inverse Universe

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



11.8972, 9.2855, 18.6188



19.6871, 14.1662, 32.9498



12.6711, 9.7595, 15.2648



3.7452, 3.7159, 4.6101



8.0653, 3.7491, 18.8411



38.5110, 17.8617, 91.7782

Previews

White Background



This preview shows how the XYZ color 11.4556, 15.5595, 8.7028 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 11.4556, 15.5595, 8.7028 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 11.4556, 15.5595, 8.7028

Background



This preview shows how black text looks on a background with the XYZ color 11.4556, 15.5595, 8.7028.



This preview shows how white text looks on a background with the XYZ color 11.4556, 15.5595,

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

11.4556, 15.5595, 8.7028

Protanopia

14.2579, 15.5035, 7.8712

Deuteranopia

15.7162, 15.4502, 8.9913



Tritanopia

13.8316, 15.4907, 20.6734

Trichromacy



Original Color

11.4556, 15.5595, 8.7028

Protanomaly

12.9545, 15.3166, 8.0680

Deuteranomaly

13.7854, 15.2373, 8.8711

Tritanomaly

12.7492, 15.3848, 15.3943

Monochromacy



Original Color

11.4556, 15.5595, 8.7028

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.2243, 14.1968, 12.2212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4556, 15.5595, 8.7028 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(84, 119, 73)` looks like.

```
.text, #text, p{  
    color:rgb(84, 119, 73)  
}
```

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(84, 119, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 119, 73) }
```

Border

The CSS property to change the border of an element to XYZ 11.4556, 15.5595, 8.7028 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(84, 119, 73) }
```


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

```
.border{ border-color:rgb(84, 119, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 119, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 119, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 119, 73);  
box-shadow:4px 4px 4px 4px rgb(84, 119,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4556, 15.5595, 8.7028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 119, 73) }
```

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

```
.background{ background-color: rgb(84, 119,  
73) }
```

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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