

Converting Colors

XYZ(11.2278, 17.5168, 8.7735)

Have a look what the booklet for
XYZ(11.2278, 17.5168, 8.7735)
contains.

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Color

**XYZ(11.2343, 17.5102,
8.7489)**

Conversions

Conversions Part 1

Format	Color
Hex	408247
RGB	64, 130, 71
RGB Percent	25%, 51%, 28%
CMY	0.7490, 0.4902, 0.7216
CMYK	0.51, 0.00, 0.45, 0.49
HSL	126°, 34%, 38%
HSV	126°, 51%, 51%
XYZ	11.2343, 17.5102, 8.7489
YIQ	103.5400, -20.3970, -32.3410

Conversions

Conversions Part 2

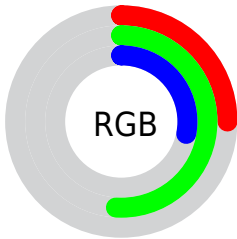
Format	Color
RYB	64, 124, 130
Decimal	4227655
CIELab	48.90, -34.35, 25.59
CIElCh	49, 42.830, 143.315
Yxy	17.5102, 0.2996, 0.4670
Android (android.graphics.Color)	4282417735 (0xFF408247)
YUV	103.5400, -16.0422, -34.6766
Hunter-Lab	41.8452, -25.3067, 16.8954

Details

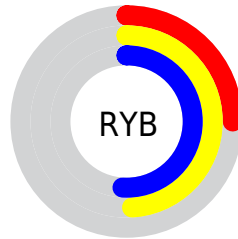
The XYZ color **11.2343, 17.5102, 8.7489** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **14.6150, 9.8430, 19.8690**, and the grayscale version is **13.0810, 13.7622, 14.9870**.

A 20% lighter version of the original color is **27.7331, 39.3500, 23.9029**, and **3.0817, 5.8269, 1.8820** is the 20% darker color. If you saturate the color by 10%, you get **10.1475, 16.9895, 6.9340**, and if you desaturate by 10%, it is **12.5904, 18.1625, 10.9496**.

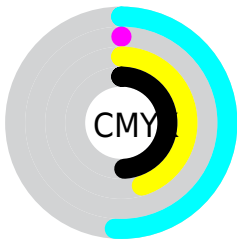
Distribution



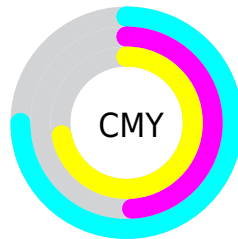
- Red (25%)
- Green (51%)
- Blue (28%)



- Red (25%)
- Yellow (49%)
- Blue (51%)



- Cyan (51%)
- Magenta (0%)
- Yellow (45%)
- Black (49%)



- Cyan (75%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2343, 17.5102, 8.7489 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 11.2343, 17.5102, 8.7489 by changing the saturation by 10% instead.

■ 11.2343, 17.5102,
8.7489

■ 11.2343, 17.5102,
8.7489

193.1433,
238.0956, 191.6421

■ 6.2931, 10.5989,
4.4832

■ 27.7217, 39.2009,
23.9840

■ 3.0665, 5.7978,
1.8940

■ 39.9987, 54.7492,
35.7904

■ 1.1890, 2.7225,
0.4889

■ 55.4516, 73.9452,
50.9476

■ 0.0977, 0.9887,
0.0000

■ 74.4459, 97.1733,
69.8739

■ 0.0000, 0.0000,
0.0000

■ 97.3468, 124.8181,
92.9880

124.5198,

157.2638, 120.7083

156.3302,
194.8948, 153.4535

■ 11.2343, 17.5102,
8.7489

■ 11.2343, 17.5102,
8.7489

■ 10.1475, 16.9895,
6.9340

■ 12.5904, 18.1625,
10.9496

■ 9.3108, 16.5895,
5.4816

■ 14.2309, 18.9522,
13.5553

■ 8.7044, 16.3009,
4.3677

■ 16.1712, 19.8874,
16.5853

■ 8.3049, 16.1123,
3.5648

■ 18.4252, 20.9749,
20.0574

■ 8.0608, 15.9971,
3.0709

■ 21.0061, 22.2211,
23.9884

■ 23.9262, 23.6320,
28.3941

■ 27.1972, 25.2133,
33.2896

■ 30.8302, 26.9704,
38.6894

■ 34.8359, 28.9086,
44.6073

Harmonies

Analogous

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



13.7969, 17.5102, 5.1991



11.2343, 17.5102, 8.7489



10.1463, 17.5102, 16.6288

Triad

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



11.2343, 17.5102, 8.7489



15.7687, 17.5102, 50.1255



24.6968, 17.5102, 11.6468

Complementary

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



11.2343, 17.5102, 8.7489



14.6150, 9.8430, 19.8690

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.



25.4489, 17.5102, 21.7296



11.2343, 17.5102, 8.7489



19.8556, 17.5102, 47.0679

Square

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



11.2343, 17.5102, 8.7489



12.4808, 17.5102, 42.5641



23.5570, 17.5102, 35.3646



21.6405, 17.5102, 6.3462

Rectangle

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



11.2343, 17.5102, 8.7489



10.2570, 17.5102, 24.5654



23.5570, 17.5102, 35.3646



25.2456, 17.5102, 14.4548

Sweetspot

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



11.2347, 17.5109, 8.7493



30.5628, 36.0277, 32.4285



17.1345, 20.5768, 7.9192



6.7613, 8.0792, 7.0989



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.



11.2347, 17.5109, 8.7493



17.6034, 29.7910, 11.7564



12.5759, 18.0474, 15.8116



4.2932, 4.8256, 4.7150



7.7302, 15.3387, 2.9520



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6150, 9.8430, 19.8690



24.2604, 14.6603, 33.6332



12.9023, 9.1579, 10.8503



4.4791, 4.4048, 5.3276



11.8629, 5.7649, 16.3998



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.2343, 17.5102, 8.7489 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 11.2343, 17.5102, 8.7489 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 11.2343, 17.5102, 8.7489

Background



This preview shows how black text looks on a background with the XYZ color 11.2343, 17.5102, 8.7489.



This preview shows how white text looks on a background with the XYZ color 11.2343, 17.5102,

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

11.2343, 17.5102, 8.7489

Protanopia

15.9812, 17.3962, 7.6698

Deuteranopia

17.5279, 17.1626, 9.2264



Tritanopia

14.4585, 17.4791, 24.8021

Trichromacy



Original Color

11.2343, 17.5102, 8.7489

Protanomaly

13.5897, 17.0352, 8.0407

Deuteranomaly

14.2794, 16.6617, 8.9420

Tritanomaly

13.0230, 17.4640, 17.4363

Monochromacy



Original Color

11.2343, 17.5102, 8.7489

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

11.9567, 14.7068, 12.3337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2343, 17.5102, 8.7489 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(64, 130, 71)` looks like.

```
.text, #text, p{  
    color:rgb(64, 130, 71)  
}
```

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(64, 130, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 130, 71) }
```

Border

The CSS property to change the border of an element to XYZ 11.2343, 17.5102, 8.7489 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(64, 130, 71) }
```


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

```
.border{ border-color:rgb(64, 130, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 130, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 130, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 130, 71);  
box-shadow:4px 4px 4px 4px rgb(64, 130,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2343, 17.5102, 8.7489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 130, 71) }
```

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

```
.background{ background-color: rgb(64, 130,  
71) }
```

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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