

Converting Colors

XYZ(11.3700, 12.3378, 11.3454)

Have a look what the booklet for
XYZ(11.3700, 12.3378, 11.3454)
contains.

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Color

**XYZ(11.3443, 12.2585,
11.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	62635A
RGB	98, 99, 90
RGB Percent	38%, 39%, 35%
CMY	0.6157, 0.6118, 0.6471
CMYK	0.01, 0.00, 0.09, 0.61
HSL	67°, 5%, 37%
HSV	67°, 9%, 39%
XYZ	11.3443, 12.2585, 11.4411
YIQ	97.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

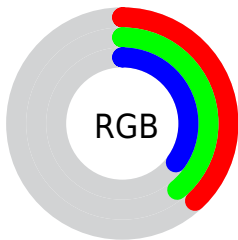
Format	Color
R _Y B	90, 99, 91
Decimal	6447962
CIE Lab	41.62, -2.20, 4.97
CIE LCh	42, 5.440, 113.868
Yxy	12.2585, 0.3237, 0.3498
Android (android.graphics.Color)	4284638042 (0xFF62635A)
YUV	97.6750, -3.7838, 0.2850
Hunter-Lab	35.0121, -3.4354, 5.1340

Details

The XYZ color **11.3443, 12.2585, 11.4411** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.2231, 10.4377, 13.2808**, and the grayscale version is **11.5377, 12.1386, 13.2189**.

A 20% lighter version of the original color is **28.0344, 30.0957, 29.1424**, and **3.1439, 3.4581, 2.8847** is the 20% darker color. If you saturate the color by 10%, you get **10.8327, 12.0406, 9.3621**, and if you desaturate by 10%, it is **11.9143, 12.5007, 13.8164**.

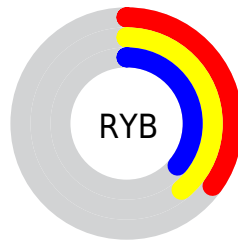
Distribution



Red (38%)

Green (39%)

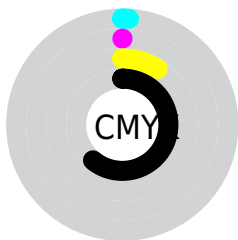
Blue (35%)



Red (35%)

Yellow (39%)

Blue (36%)

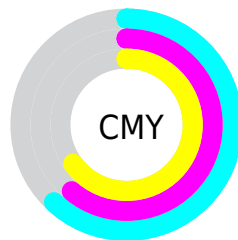


Cyan (1%)

Magenta (0%)

Yellow (9%)

Black (61%)



Cyan (62%)

Magenta (61%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3443, 12.2585, 11.4411 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 11.3443, 12.2585, 11.4411 by changing the saturation by 10% instead.

■ 11.3443, 12.2585,
11.4411

■ 11.3443, 12.2585,
11.4411

193.8746,
206.1092, 211.5142

■ 6.3679, 6.9200,
6.2465

■ 27.9224, 29.9650,
29.1220

■ 3.1128, 3.4121,
2.9243

■ 40.2549, 43.1019,
42.4454

■ 1.2137, 1.3505,
1.0561

■ 55.7701, 59.6069,
59.3154

■ 0.1172, 0.1798,
0.0000

■ 74.8334, 79.8645,
80.1506

■ 0.0000, 0.0000,
0.0000

97.8101, 104.2592,
105.3695

125.0657,

133.1753, 135.3907

156.9654,
166.9971, 170.6328

■ 11.3443, 12.2585,
11.4411

■ 11.3443, 12.2585,
11.4411

■ 10.8327, 12.0406,
9.3621

■ 11.9143, 12.5007,
13.8164

■ 10.3764, 11.8447,
7.5669

■ 12.5439, 12.7666,
16.4983

■ 9.9734, 11.6702,
6.0436

■ 13.2353, 13.0574,
19.4972

■ 9.6210, 11.5161,
4.7788

■ 13.9905, 13.3738,
22.8233

■ 9.3166, 11.3815,
3.7581

■ 14.8112, 13.7167,
26.4858

■ 9.0571, 11.2650,
2.9658

■ 15.6992, 14.0867,
30.4940

■ 8.8392, 11.1653,
2.3842

■ 16.6562, 14.4845,
34.8566

■ 8.6591, 11.0809,
1.9930

■ 17.6837, 14.9107,
39.5820

■ 8.4995, 11.0049,
1.7020

■ 18.7834, 15.3659,
44.6784

Harmonies

Analogous

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



11.7333, 12.2585, 11.2839



11.3443, 12.2585, 11.4411



11.0439, 12.2585, 12.0959

Triad

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



11.3443, 12.2585, 11.4411



11.2057, 12.2585, 15.1977



12.4292, 12.2585, 13.5830

Complementary

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



11.3443, 12.2585, 11.4411



10.2231, 10.4377, 13.2808

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.



12.2807, 12.2585, 14.6824



11.3443, 12.2585, 11.4411



11.5697, 12.2585, 15.6483

Square

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



11.3443, 12.2585, 11.4411



10.9652, 12.2585, 14.2544



11.9639, 12.2585, 15.4545



12.3656, 12.2585, 12.4798

Rectangle

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



11.3443, 12.2585, 11.4411



10.9313, 12.2585, 12.7474



11.9639, 12.2585, 15.4545



12.4023, 12.2585, 13.9659

Sweetspot

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



11.3446, 12.2590, 11.4414



20.0351, 21.2730, 22.0113



10.7240, 10.8562, 11.2033



4.7468, 5.0499, 5.1677



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



11.3446, 12.2590, 11.4414



19.2568, 20.9422, 18.7907



10.8829, 12.0210, 11.4198



2.7374, 2.9560, 2.7704



11.0402, 14.3256, 2.1832



58.5196, 76.2935, 11.6418

Inverse Universe

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



10.2231, 10.4377, 13.2808



16.8966, 17.1092, 22.6618



10.6696, 10.6678, 13.3017



2.4738, 2.5279, 3.2028



3.0943, 1.2560, 15.4670



16.1271, 6.5021, 82.6096

Previews

White Background



This preview shows how the XYZ color 11.3443, 12.2585, 11.4411 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 11.3443, 12.2585, 11.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

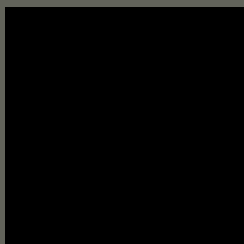
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

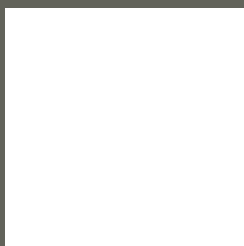
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3443, 12.2585, 11.4411

Background



This preview shows how black text looks on a background with the XYZ color 11.3443, 12.2585, 11.4411.



This preview shows how white text looks on a background with the XYZ color 11.3443, 12.2585,

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

11.3443, 12.2585, 11.4411

Protanopia

11.6503, 12.2814, 11.2077

Deuteranopia

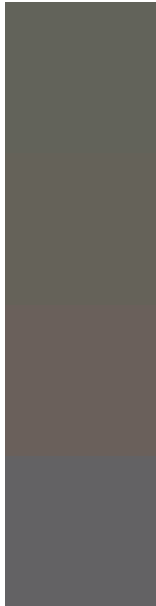
12.4109, 12.2547, 11.6088



Tritanopia

12.0800, 12.2786, 15.0979

Trichromacy



Original Color

11.3443, 12.2585, 11.4411

Protanomaly

11.5377, 12.2233, 11.2024

Deuteranomaly

12.0151, 12.1852, 11.6163

Tritanomaly

11.8135, 12.3081, 13.8097

Monochromacy



Original Color

11.3443, 12.2585, 11.4411

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4702, 12.1583, 12.5687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3443, 12.2585, 11.4411 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(98, 99, 90) looks like.

```
.text, #text, p{  
    color:rgb(98, 99, 90)  
}
```

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(98, 99, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.3443, 12.2585, 11.4411 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(98, 99, 90) }
```


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

```
.border{ border-color:rgb(98, 99, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 99, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 90);  
box-shadow:4px 4px 4px 4px rgb(98, 99, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3443, 12.2585, 11.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 90) }
```

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

```
.background{ background-color: rgb(98, 99,  
90) }
```

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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