

Converting Colors

XYZ(11.5784, 12.2447, 13.5237)

Have a look what the booklet for
XYZ(11.5784, 12.2447, 13.5237)
contains.

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Color

**XYZ(11.5496, 12.1776,
13.5462)**

Conversions

Conversions Part 1

Format	Color
Hex	616263
RGB	97, 98, 99
RGB Percent	38%, 38%, 39%
CMY	0.6196, 0.6157, 0.6118
CMYK	0.02, 0.01, 0.00, 0.61
HSL	210°, 1%, 38%
HSV	210°, 2%, 39%
XYZ	11.5496, 12.1776, 13.5462
YIQ	97.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

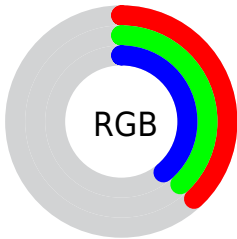
Format	Color
R_{YB}	97, 98, 99
Decimal	6382179
CIE Lab	41.50, -0.18, -0.71
CIE LCh	41, 0.732, 255.965
Yxy	12.1776, 0.3099, 0.3267
Android (android.graphics.Color)	4284572259 (0xFF616263)
YUV	97.8150, 0.5842, -0.7148
Hunter-Lab	34.8964, -1.9909, 1.4121

Details

The XYZ color **11.5496, 12.1776, 13.5462** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6710, 12.2510, 13.0591**, and the grayscale version is **11.5625, 12.1647, 13.2473**.

A 20% lighter version of the original color is **28.4652, 29.9928, 33.1431**, and **3.2358, 3.4168, 3.8571** is the 20% darker color. If you saturate the color by 10%, you get **10.1117, 10.7711, 13.3507**, and if you desaturate by 10%, it is **13.1485, 13.7101, 13.7579**.

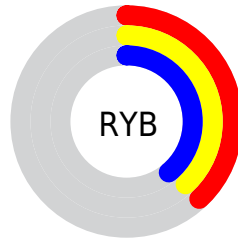
Distribution



Red (38%)

Green (38%)

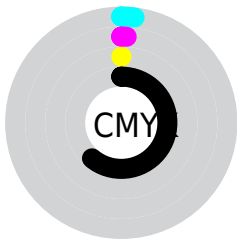
Blue (39%)



Red (38%)

Yellow (38%)

Blue (39%)

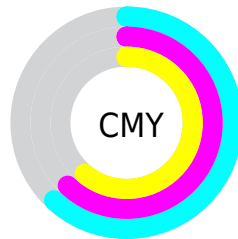


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (61%)



Cyan (62%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5496, 12.1776, 13.5462 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 11.5496, 12.1776, 13.5462 by changing the saturation by 10% instead.

■ 11.5496, 12.1776,
13.5462

■ 11.5496, 12.1776,
13.5462

195.2317,
205.5775, 225.7185

■ 6.5078, 6.8647,
7.6706

■ 28.2961, 29.8182,
32.9871

■ 3.1998, 3.3777,
3.8002

■ 40.7315, 42.9147,
47.3894

■ 1.2603, 1.3319,
1.5164

■ 56.3622, 59.3745,
65.4711

■ 0.1532, 0.1657,
0.2301

■ 75.5535, 79.5821,
87.6507

■ 0.0000, 0.0000,
0.0000

98.6707, 103.9217,
114.3467

126.0793,

132.7780, 145.9776

158.1445,
166.5351, 182.9621

■ 11.5496, 12.1776,
13.5462

■ 11.5496, 12.1776,
13.5462

■ 10.1117, 10.7711,
13.3507

■ 13.1485, 13.7101,
13.7579

■ 8.8283, 9.4857,
13.1702

■ 14.9124, 15.3705,
13.9854

■ 7.6942, 8.3180,
13.0046

■ 16.8464, 17.1625,
14.2294

■ 6.7033, 7.2642,
12.8534

■ 18.9553, 19.0892,
14.4901

■ 5.8492, 6.3202,
12.7162

■ 21.2434, 21.1536,
14.7680

■ 5.1249, 5.4816,
12.5925

■ 23.7151, 23.3585,
15.0633

■ 4.5228, 4.7433,
12.4818

■ 26.3745, 25.7068,
15.3764

■ 4.0343, 4.1003,
12.3834

■ 29.2256, 28.2011,
15.7076

■ 3.6479, 3.5455,
12.2967

■ 32.2723, 30.8441,
16.0572

Harmonies

Analogous

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



11.5033, 12.1776, 13.4715



11.5496, 12.1776, 13.5462



11.6027, 12.1776, 13.5436

Triad

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



11.5496, 12.1776, 13.5462



11.6733, 12.1776, 13.1788



11.5009, 12.1776, 13.0563

Complementary

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



11.5496, 12.1776, 13.5462



11.6710, 12.2510, 13.0591

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.



11.5463, 12.1776, 12.9791



11.5496, 12.1776, 13.5462



11.6458, 12.1776, 13.0494

Square

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



11.5496, 12.1776, 13.5462



11.6742, 12.1776, 13.3307



11.5993, 12.1776, 12.9766



11.4753, 12.1776, 13.1883

Rectangle

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



11.5496, 12.1776, 13.5462



11.6348, 12.1776, 13.4984



11.5993, 12.1776, 12.9766



11.5143, 12.1776, 13.0231

Sweetspot

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



11.5499, 12.1781, 13.5465



20.0726, 21.1416, 23.2727



11.5949, 12.3465, 13.3193



4.7769, 5.0308, 5.5325



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.



11.5499, 12.1781, 13.5465



19.8035, 20.8814, 23.2367



11.4599, 11.9980, 13.5165



2.7930, 2.9441, 3.2663



4.3588, 4.0203, 15.9340



22.4032, 19.7125, 84.8287

Inverse Universe

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



11.6252, 12.0842, 13.2756



19.9349, 20.7173, 22.7637



11.7622, 12.4333, 13.0894



2.8089, 2.9242, 3.2090



7.4258, 3.7452, 4.0963



39.2251, 19.8295, 19.5375

Previews

White Background



This preview shows how the XYZ color 11.5496, 12.1776, 13.5462 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 11.5496, 12.1776, 13.5462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

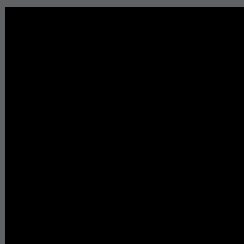
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

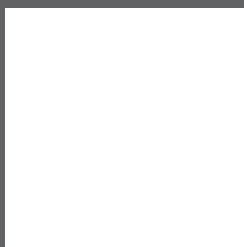
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5496, 12.1776, 13.5462

Background



This preview shows how black text looks on a background with the XYZ color 11.5496, 12.1776, 13.5462.



This preview shows how white text looks on a background with the XYZ color 11.5496, 12.1776,

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

11.5496, 12.1776, 13.5462

Protanopia

11.6724, 12.1029, 13.5253

Deuteranopia

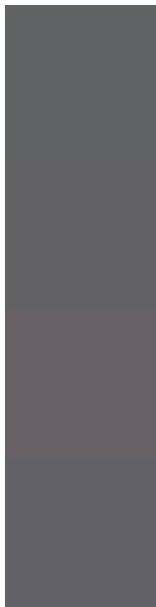
12.3363, 12.1687, 13.7552



Tritanopia

11.8615, 12.1660, 15.0877

Trichromacy



Original Color

11.5496, 12.1776, 13.5462

Protanomaly

11.5638, 12.0469, 13.5202

Deuteranomaly

12.0766, 12.1694, 13.7690

Tritanomaly

11.7599, 12.1253, 14.5526

Monochromacy



Original Color

11.5496, 12.1776, 13.5462

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.6093, 12.2139, 13.3009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5496, 12.1776, 13.5462 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(97, 98, 99) looks like.

```
.text, #text, p{  
    color:rgb(97, 98, 99)  
}
```

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(97, 98, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 98, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.5496, 12.1776, 13.5462 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(97, 98, 99) }
```


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

```
.border{ border-color:rgb(97, 98, 99) }
```

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

Here you see how a box with a 4 pixel rgb(97, 98, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 98, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 98, 99);  
box-shadow:4px 4px 4px 4px rgb(97, 98, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5496, 12.1776, 13.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 98, 99) }
```

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

```
.background{ background-color: rgb(97, 98,  
99) }
```

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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