

Converting Colors

XYZ(10.4232, 13.1578, 6.1399)

Have a look what the booklet for
XYZ(10.4232, 13.1578, 6.1399)
contains.

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Color

**XYZ(10.3615, 13.0553,
6.1115)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6B3B
RGB	91, 107, 59
RGB Percent	36%, 42%, 23%
CMY	0.6431, 0.5804, 0.7686
CMYK	0.15, 0.00, 0.45, 0.58
HSL	80°, 29%, 33%
HSV	80°, 45%, 42%
XYZ	10.3615, 13.0553, 6.1115
YIQ	96.7440, 5.8720, -18.3200

Conversions

Conversions Part 2

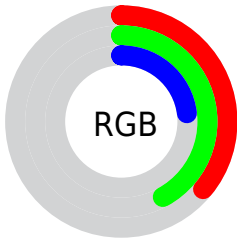
Format	Color
RYB	59, 107, 75
Decimal	5991227
CIELab	42.85, -14.80, 24.88
CIELCh	43, 28.950, 120.735
Yxy	13.0553, 0.3509, 0.4421
Android (android.graphics.Color)	4284181307 (0xFF5B6B3B)
YUV	96.7440, -18.6078, -5.0375
Hunter-Lab	36.1321, -12.0433, 15.2640

Details

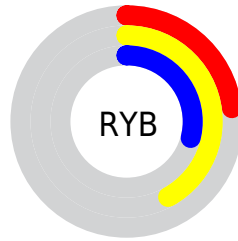
The XYZ color **10.3615, 13.0553, 6.1115** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.1200, 5.6857, 14.6328**, and the grayscale version is **11.3429, 11.9336, 12.9957**.

A 20% lighter version of the original color is **26.0360, 31.2660, 18.5726**, and **2.7338, 3.7989, 1.0046** is the 20% darker color. If you saturate the color by 10%, you get **9.7687, 12.7790, 4.7807**, and if you desaturate by 10%, it is **11.0286, 13.3642, 7.7434**.

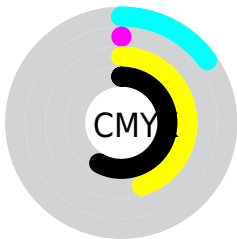
Distribution



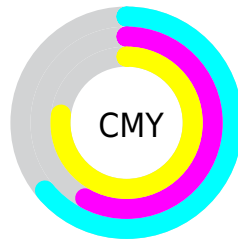
- Red (36%)
- Green (42%)
- Blue (23%)



- Red (23%)
- Yellow (42%)
- Blue (29%)



- Cyan (15%)
- Magenta (0%)
- Yellow (45%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3615, 13.0553, 6.1115 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 10.3615, 13.0553, 6.1115 by changing the saturation by 10% instead.

10.3615, 13.0553,
6.1115

10.3615, 13.0553,
6.1115

187.2333,
211.2718, 169.4027

5.7034, 7.4666,
2.8431

26.1168, 31.4031,
18.6435

2.7045, 3.7556,
1.0151

37.9447, 44.9310,
28.7443

0.9995, 1.5378,
0.0000

52.8933, 61.8742,
41.9595

0.0000, 0.3151,
0.0000

71.3279, 82.6169,
58.7079

0.0000, 0.0000,
0.0000

93.6138, 107.5436,
79.4078

120.1164,

137.0388, 104.4779

151.2011,
171.4867, 134.3367

■ 10.3615, 13.0553,
6.1115

■ 10.3615, 13.0553,
6.1115

■ 9.7687, 12.7790,
4.7807

■ 11.0286, 13.3642,
7.7434

■ 9.2456, 12.5319,
3.7318

■ 11.7724, 13.7053,
9.6924

■ 8.7882, 12.3131,
2.9444

■ 12.5965, 14.0804,
11.9746

■ 8.3919, 12.1206,
2.3953

■ 13.5038, 14.4909,
14.6044

■ 8.0482, 11.9509,
2.0405

■ 14.4972, 14.9379,
17.5956

■ 7.8808, 11.8681,
1.8754

■ 15.5794, 15.4224,
20.9613

■ 16.7529, 15.9455,
24.7137

■ 18.0201, 16.5082,
28.8647

■ 19.3834, 17.1114,
33.4255

Harmonies

Analogous

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



12.3543, 13.0553, 5.1892



10.3615, 13.0553, 6.1115



9.0590, 13.0553, 9.0578

Triad

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



10.3615, 13.0553, 6.1115



10.4454, 13.0553, 27.6914



17.1603, 13.0553, 14.0595

Complementary

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



10.3615, 13.0553, 6.1115



7.1200, 5.6857, 14.6328

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.



16.4964, 13.0553, 21.0317



10.3615, 13.0553, 6.1115



12.4632, 13.0553, 30.1835

Square

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



10.3615, 13.0553, 6.1115



9.1033, 13.0553, 21.3845



14.7091, 13.0553, 27.4487



16.4306, 13.0553, 8.8591

Rectangle

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



10.3615, 13.0553, 6.1115



8.6700, 13.0553, 12.3445



14.7091, 13.0553, 27.4487



17.0920, 13.0553, 16.2655

Sweetspot

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



10.3618, 13.0559, 6.1118



22.7875, 25.3173, 22.1037



9.3694, 8.4742, 5.2797



5.4492, 6.0978, 5.1614



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.3618, 13.0559, 6.1118



17.4252, 22.8503, 8.4198



8.3623, 12.0251, 6.0182



3.2399, 3.5355, 3.3291



9.5542, 14.4205, 2.2799



47.7349, 72.9904, 11.5727

Inverse Universe

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



7.1200, 5.6857, 14.6328



10.8081, 7.7878, 25.8412



9.3639, 6.8425, 14.7378



3.0347, 3.0696, 3.8674



4.0692, 1.7248, 17.0407



19.8968, 8.3568, 86.7905

Previews

White Background



This preview shows how the XYZ color 10.3615, 13.0553, 6.1115 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 10.3615, 13.0553, 6.1115 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 10.3615, 13.0553, 6.1115

Background



This preview shows how black text looks on a background with the XYZ color 10.3615, 13.0553, 6.1115.



This preview shows how white text looks on a background with the XYZ color 10.3615, 13.0553,

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

10.3615, 13.0553, 6.1115

Protanopia

11.9477, 12.9823, 5.7470

Deuteranopia

13.0512, 12.8402, 6.2054



Tritanopia

12.4510, 13.0082, 16.3226

Trichromacy



Original Color

10.3615, 13.0553, 6.1115

Protanomaly

11.3229, 12.9490, 5.9056

Deuteranomaly

11.9283, 12.8201, 6.1208

Tritanomaly

11.4579, 12.8887, 11.7814

Monochromacy



Original Color

10.3615, 13.0553, 6.1115

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.9343, 12.3648, 9.9940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3615, 13.0553, 6.1115 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(91, 107, 59) looks like.

```
.text, #text, p{  
    color:rgb(91, 107, 59)  
}
```

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(91, 107, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 107, 59) }
```

Border

The CSS property to change the border of an element to XYZ 10.3615, 13.0553, 6.1115 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(91, 107, 59) }
```


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

```
.border{ border-color:rgb(91, 107, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 107, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 107, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 107, 59);  
box-shadow:4px 4px 4px 4px rgb(91, 107,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3615, 13.0553, 6.1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 107, 59) }
```

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

```
.background{ background-color: rgb(91, 107,  
59) }
```

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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