

Converting Colors

XYZ(11.2183, 17.3395, 7.1705)

Have a look what the booklet for
XYZ(11.2183, 17.3395, 7.1705)
contains.

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Color

**XYZ(11.2183, 17.3395,
7.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	46813D
RGB	70, 129, 61
RGB Percent	27%, 51%, 24%
CMY	0.7255, 0.4941, 0.7608
CMYK	0.46, 0.00, 0.53, 0.49
HSL	112°, 36%, 37%
HSV	112°, 53%, 51%
XYZ	11.2183, 17.3395, 7.1705
YIQ	103.6070, -13.3360, -33.6560

Conversions

Conversions Part 2

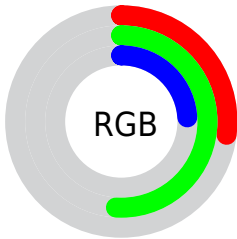
Format	Color
RYB	61, 129, 120
Decimal	4620605
CIELab	48.68, -33.55, 30.76
CIELCh	49, 45.518, 137.485
Yxy	17.3395, 0.3140, 0.4853
Android (android.graphics.Color)	4282810685 (0xFF46813D)
YUV	103.6070, -21.0053, -29.4733
Hunter-Lab	41.6407, -24.7821, 18.9388

Details

The XYZ color **11.2183, 17.3395, 7.1705** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.3779, 8.9162, 21.7857**, and the grayscale version is **13.1103, 13.7930, 15.0206**.

A 20% lighter version of the original color is **27.5685, 38.7193, 20.7724**, and **3.0564, 5.7170, 1.3579** is the 20% darker color. If you saturate the color by 10%, you get **10.1784, 16.8394, 5.5212**, and if you desaturate by 10%, it is **12.4932, 17.9522, 9.2680**.

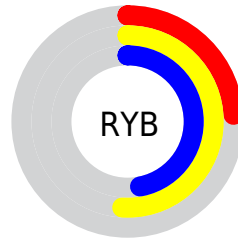
Distribution



Red (27%)

Green (51%)

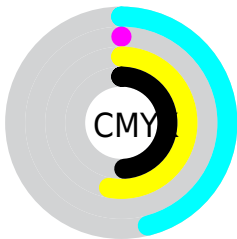
Blue (24%)



Red (24%)

Yellow (51%)

Blue (47%)

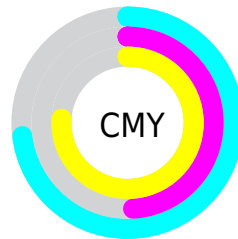


Cyan (46%)

Magenta (0%)

Yellow (53%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2183, 17.3395, 7.1705 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 11.2183, 17.3395, 7.1705 by changing the saturation by 10% instead.

■ 11.2183, 17.3395,
7.1705

■ 11.2183, 17.3395,
7.1705

193.0367,
237.1213, 178.7573

■ 6.2822, 10.4768,
3.4889

■ 27.6925, 38.9086,
20.8341

■ 3.0597, 5.7162,
1.3494

■ 39.9614, 54.3838,
31.6531

■ 1.1854, 2.6733,
0.1017

■ 55.4053, 73.4986,
45.6884

■ 0.0948, 0.9637,
0.0000

■ 74.3894, 96.6375,
63.3585

■ 0.0000, 0.0000,
0.0000

■ 97.2793, 124.1848,
85.0819

■ 124.4403,

156.5250, 111.2771

156.2376,
194.0423, 142.3628

■ 11.2183, 17.3395,
7.1705

■ 11.2183, 17.3395,
7.1705

■ 10.1784, 16.8394,
5.5212

■ 12.4932, 17.9522,
9.2680

■ 9.3577, 16.4428,
4.2864

■ 14.0152, 18.6814,
11.8418

■ 8.7406, 16.1430,
3.4296

■ 15.7967, 19.5335,
14.9191

■ 8.3086, 15.9314,
2.9071

■ 17.8494, 20.5140,
18.5247

■ 8.0830, 15.8210,
2.6277

■ 20.1838, 21.6278,
22.6819

■ 22.8101, 22.8798,
27.4123

■ 25.7380, 24.2744,
32.7366

■ 28.9766, 25.8159,
38.6745

■ 32.5348, 27.5085,
45.2445

Harmonies

Analogous

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



14.1725, 17.3395, 4.3006



11.2183, 17.3395, 7.1705



9.7900, 17.3395, 14.3004

Triad

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



11.2183, 17.3395, 7.1705



14.7927, 17.3395, 51.6330



25.4404, 17.3395, 12.7512

Complementary

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



11.2183, 17.3395, 7.1705



13.3779, 8.9162, 21.7857

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.



25.6831, 17.3395, 24.3452



11.2183, 17.3395, 7.1705



19.0267, 17.3395, 50.6250

Square

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



11.2183, 17.3395, 7.1705



11.6056, 17.3395, 41.5590



23.1749, 17.3395, 39.2064



22.5593, 17.3395, 6.4526

Rectangle

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



11.2183, 17.3395, 7.1705



9.7033, 17.3395, 22.0540



23.1749, 17.3395, 39.2064



25.8488, 17.3395, 16.0258

Sweetspot

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



11.2187, 17.3402, 7.1709



30.5591, 36.0642, 30.6951



16.6048, 18.4218, 7.0958



6.7761, 8.0957, 6.7002



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.



11.2187, 17.3402, 7.1709



17.9394, 30.0158, 9.4446



11.4523, 17.3642, 11.5385



4.3249, 4.8439, 4.6272



7.8830, 15.4262, 2.5621



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3779, 8.9162, 21.7857



22.2113, 13.2098, 38.5716



13.2247, 9.0059, 14.1564



4.4440, 4.3845, 5.4253



10.3725, 4.9009, 20.6492



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.2183, 17.3395, 7.1705 looks on a white background.

Color Contrast Check

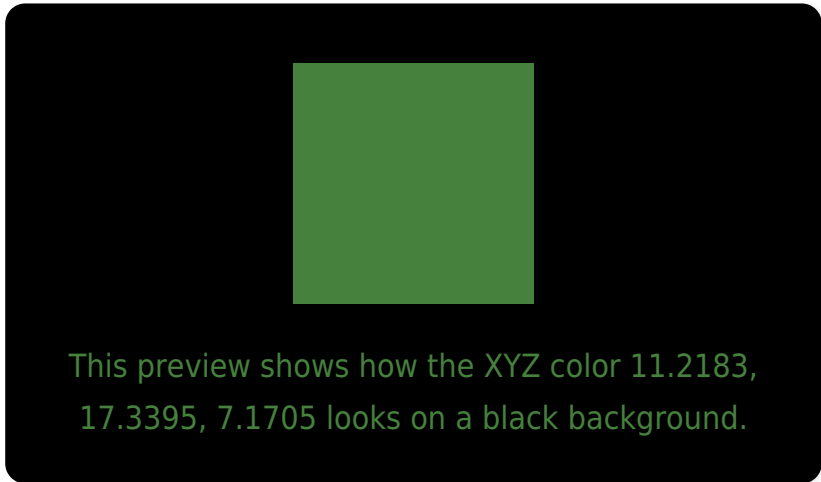
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.2183, 17.3395, 7.1705

Background



This preview shows how black text looks on a background with the XYZ color 11.2183, 17.3395, 7.1705.



This preview shows how white text looks on a background with the XYZ color 11.2183, 17.3395,

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

11.2183, 17.3395, 7.1705

Protanopia

15.5969, 17.0590, 6.2121

Deuteranopia

17.3745, 17.1207, 7.5431



Tritanopia

14.5903, 17.1983, 24.0233

Trichromacy



Original Color

11.2183, 17.3395, 7.1705

Protanomaly

13.4240, 16.8026, 6.5387

Deuteranomaly

14.3569, 16.7376, 7.3245

Tritanomaly

13.0336, 17.1182, 16.2529

Monochromacy



Original Color

11.2183, 17.3395, 7.1705

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.0802, 14.7901, 11.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2183, 17.3395, 7.1705 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(70, 129, 61)` looks like.

```
.text, #text, p{  
    color:rgb(70, 129, 61)  
}
```

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(70, 129, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 129, 61) }
```

Border

The CSS property to change the border of an element to XYZ 11.2183, 17.3395, 7.1705 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(70, 129, 61) }
```


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

```
.border{ border-color:rgb(70, 129, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 129, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 129, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 129, 61);  
box-shadow:4px 4px 4px 4px rgb(70, 129,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2183, 17.3395, 7.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 129, 61) }
```

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

```
.background{ background-color: rgb(70, 129,  
61) }
```

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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