

Converting Colors

XYZ(14.0499, 11.8314, 23.1799)

Have a look what the booklet for
XYZ(14.0499, 11.8314, 23.1799)
contains.

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Color

**XYZ(14.0605, 11.8346,
23.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5783
RGB	111, 87, 131
RGB Percent	44%, 34%, 51%
CMY	0.5647, 0.6588, 0.4863
CMYK	0.15, 0.34, 0.00, 0.49
HSL	273°, 20%, 43%
HSV	273°, 34%, 51%
XYZ	14.0605, 11.8346, 23.0160
YIQ	99.1920, 0.1800, 18.7720

Conversions

Conversions Part 2

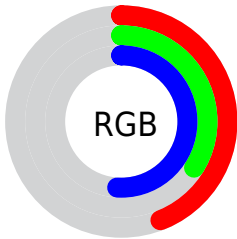
Format	Color
R_{YB}	111, 87, 131
Decimal	7296899
CIE Lab	40.95, 18.96, -20.95
CIE LCh	41, 28.249, 312.144
Yxy	11.8346, 0.2875, 0.2420
Android (android.graphics.Color)	4285486979 (0xFF6F5783)
YUV	99.1920, 15.6813, 10.3556
Hunter-Lab	34.4015, 12.7537, -15.5865

Details

The XYZ color **14.0605, 11.8346, 23.0160** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.9004, 20.0468, 12.0487**, and the grayscale version is **11.8701, 12.4883, 13.5997**.

A 20% lighter version of the original color is **32.7016, 29.1385, 49.2481**, and **4.2647, 3.2041, 8.1783** is the 20% darker color. If you saturate the color by 10%, you get **12.3702, 9.5293, 22.6603**, and if you desaturate by 10%, it is **15.9940, 14.5516, 23.4387**.

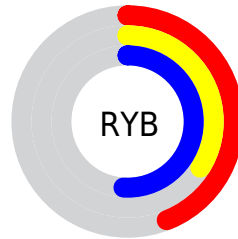
Distribution



Red (44%)

Green (34%)

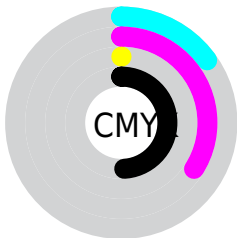
Blue (51%)



Red (44%)

Yellow (34%)

Blue (51%)

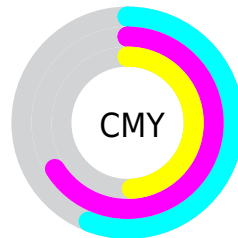


Cyan (15%)

Magenta (34%)

Yellow (0%)

Black (49%)



Cyan (56%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0605, 11.8346, 23.0160 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 14.0605, 11.8346, 23.0160 by changing the saturation by 10% instead.

■ 14.0605, 11.8346,
23.0160

■ 14.0605, 11.8346,
23.0160

211.1100,
203.3072, 280.9317

■ 8.2447, 6.6312,
14.3999

■ 32.7817, 29.1935,
49.3431

■ 4.3051, 3.2325,
8.2574

■ 46.4179, 42.1177,
67.8912

■ 1.8761, 1.2543,
4.1700

■ 63.3915, 58.3844,
90.5871

■ 0.5629, 0.1054,
1.7190

■ 84.0681, 78.3778,
117.8493

■ 0.0000, 0.0000,
0.3737

■ 108.8128,
102.4824, 150.0963

■ 0.0000, 0.0000,
0.0000

137.9911,

131.0826, 187.7467

171.9684,
164.5627, 231.2190

■ 14.0605, 11.8346,
23.0160

■ 14.0605, 11.8346,
23.0160

■ 12.3702, 9.5293,
22.6603

■ 15.9940, 14.5516,
23.4387

■ 10.9107, 7.6130,
22.3673

■ 18.1801, 17.6986,
23.9309

■ 9.6698, 6.0627,
22.1335

■ 20.6292, 21.2945,
24.4959

■ 8.6338, 4.8526,
21.9545

■ 23.3505, 25.3567,
25.1366

■ 7.7872, 3.9531,
21.8255

■ 26.3529, 29.9017,
25.8556

7.1111, 3.3280,
21.7405

29.6449, 34.9449,
26.6555

6.7288, 2.9956,
21.6965

33.2346, 40.5015,
27.5389

37.1295, 46.5854,
28.5079

41.3373, 53.2106,
29.5649

Harmonies

Analogous

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



12.0853, 11.8346, 27.1031



14.0605, 11.8346, 23.0160



15.3643, 11.8346, 16.6056

Triad

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



14.0605, 11.8346, 23.0160



12.4816, 11.8346, 4.9343



7.8631, 11.8346, 15.3700

Complementary

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



14.0605, 11.8346, 23.0160



15.9004, 20.0468, 12.0487

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.



7.9423, 11.8346, 9.7678



14.0605, 11.8346, 23.0160



10.4511, 11.8346, 4.7846

Square

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



14.0605, 11.8346, 23.0160



14.3804, 11.8346, 6.7712



8.8388, 11.8346, 6.2737



8.6078, 11.8346, 21.8816

Rectangle

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



14.0605, 11.8346, 23.0160



15.5924, 11.8346, 12.4742



8.8388, 11.8346, 6.2737



7.7970, 11.8346, 13.3065

Sweetspot

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



14.0609, 11.8351, 23.0163



33.9747, 33.7637, 43.1795



13.3411, 14.2923, 23.5285



7.7901, 7.6855, 10.0256



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.0609, 11.8351, 23.0163



22.9173, 18.0948, 40.7379



16.7666, 13.2413, 22.6276



4.6591, 4.6604, 5.8547



6.6265, 2.9502, 21.3569



0.0314, 0.0146, 0.0744

Inverse Universe

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



15.4225, 12.7037, 15.5496



25.8370, 19.9537, 24.8883



13.8280, 18.9715, 12.2678



4.7540, 4.7213, 5.3171



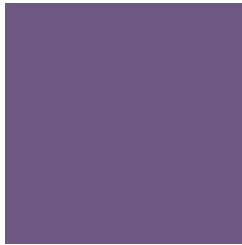
10.0060, 5.0667, 4.6037



0.0383, 0.0190, 0.0349

Previews

White Background



This preview shows how the XYZ color 14.0605, 11.8346, 23.0160 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 14.0605, 11.8346, 23.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

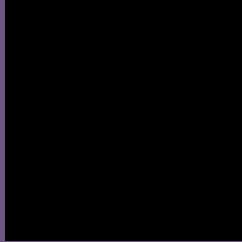
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0605, 11.8346, 23.0160

Background



This preview shows how black text looks on a background with the XYZ color 14.0605, 11.8346, 23.0160.



This preview shows how white text looks on a background with the XYZ color 14.0605, 11.8346,

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

14.0605, 11.8346, 23.0160

Protanopia

12.1748, 11.8296, 25.3086

Deuteranopia

12.0792, 11.8441, 22.4184



Tritanopia

12.1585, 11.8130, 13.6959

Trichromacy



Original Color

14.0605, 11.8346, 23.0160

Protanomaly

12.7145, 11.7307, 24.5158

Deuteranomaly

12.6803, 11.7528, 22.7193

Tritanomaly

12.7947, 11.8180, 16.6457

Monochromacy



Original Color

14.0605, 11.8346, 23.0160

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.5550, 12.2157, 16.7351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0605, 11.8346, 23.0160 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(111, 87, 131)` looks like.

```
.text, #text, p{  
    color:rgb(111, 87, 131)  
}
```

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(111, 87, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 87, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.0605, 11.8346, 23.0160 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(111, 87, 131) }
```


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

```
.border{ border-color:rgb(111, 87, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 87, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 87, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 87, 131);  
box-shadow:4px 4px 4px 4px rgb(111, 87,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0605, 11.8346, 23.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 87, 131) }
```

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

```
.background{ background-color: rgb(111, 87,  
131) }
```

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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