

Converting Colors

XYZ(16.2826, 10.9841, 11.6722)

Have a look what the booklet for
XYZ(16.2826, 10.9841, 11.6722)
contains.

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Color

**XYZ(16.2605, 10.9605,
11.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	95415D
RGB	149, 65, 93
RGB Percent	58%, 25%, 36%
CMY	0.4157, 0.7451, 0.6353
CMYK	0.00, 0.56, 0.38, 0.42
HSL	340°, 39%, 42%
HSV	340°, 56%, 58%
XYZ	16.2605, 10.9605, 11.6145
YIQ	93.3080, 41.0760, 26.5160

Conversions

Conversions Part 2

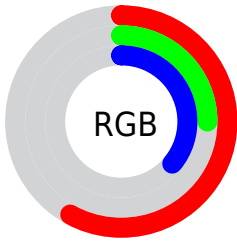
Format	Color
R _Y B	149, 65, 93
Decimal	9781597
CIE Lab	39.51, 38.28, 0.86
CIE LCh	40, 38.293, 1.290
Yxy	10.9605, 0.4187, 0.2822
Android (android.graphics.Color)	4287971677 (0xFF95415D)
YUV	93.3080, -0.1518, 48.8419
Hunter-Lab	33.1066, 29.7346, 2.3745

Details

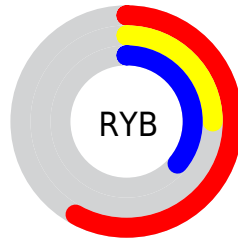
The XYZ color **16.2605, 10.9605, 11.6145** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.3792, 23.9994, 21.8597**, and the grayscale version is **10.4705, 11.0158, 11.9962**.

A 20% lighter version of the original color is **36.6569, 27.5958, 29.3811**, and **5.3521, 2.8775, 2.9626** is the 20% darker color. If you saturate the color by 10%, you get **15.1034, 9.3053, 9.1972**, and if you desaturate by 10%, it is **17.7010, 13.0910, 14.4086**.

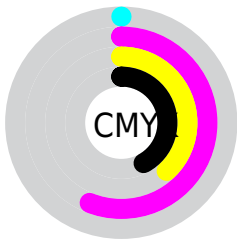
Distribution



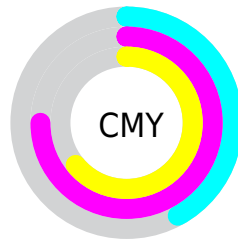
- Red (58%)
- Green (25%)
- Blue (36%)



- Red (58%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (56%)
- Yellow (38%)
- Black (42%)




- Cyan (42%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2605, 10.9605, 11.6145 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 16.2605, 10.9605, 11.6145 by changing the saturation by 10% instead.


 16.2605, 10.9605,
11.6145

 16.2605, 10.9605,
11.6145


224.1143,
197.3964, 212.7227


 9.8007, 6.0403,
6.3624


 36.6037, 27.5871,
29.4448


 5.3283, 2.8696,
2.9944

 51.2177, 40.0623,
42.8602


 2.4778, 1.0640,
1.0918

 69.2806, 55.8246,
59.8337

 0.8841, 0.0000,
0.0000

 91.1576, 75.2583,
80.7839

 0.0000, 0.0000,
0.0000

 117.2141, 98.7480,
106.1294

147.8155,

126.6780, 136.2887

183.3271,
159.4326, 171.6803

■ 16.2605, 10.9605,
11.6145

■ 16.2605, 10.9605,
11.6145

■ 15.1034, 9.3053,
9.1972

■ 17.7010, 13.0910,
14.4086

■ 14.2085, 8.0865,
7.1384

■ 19.4423, 15.7282,
17.5950

■ 13.5527, 7.2618,
5.4192

■ 21.5013, 18.9030,
21.1894

■ 13.1018, 6.7664,
4.0157

■ 23.8935, 22.6432,
25.2060

■ 12.9628, 6.6169,
3.5734

■ 26.6333, 26.9746,
29.6585

■ 29.7341, 31.9216,
34.5599

■ 33.2087, 37.5069,
39.9227

■ 37.0693, 43.7525,
45.7588

■ 41.3275, 50.6790,
52.0796

Harmonies

Analogous

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



15.4488, 10.9605, 20.2221



16.2605, 10.9605, 11.6145



15.3028, 10.9605, 5.9335

Triad

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



16.2605, 10.9605, 11.6145



8.0299, 10.9605, 3.4016



8.1950, 10.9605, 29.4210

Complementary

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



16.2605, 10.9605, 11.6145



16.3792, 23.9994, 21.8597

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.



6.7015, 10.9605, 21.0265



16.2605, 10.9605, 11.6145



6.6179, 10.9605, 6.2910

Square

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



16.2605, 10.9605, 11.6145



10.3054, 10.9605, 2.5780



6.1747, 10.9605, 12.2596



10.5306, 10.9605, 32.7458

Rectangle

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



16.2605, 10.9605, 11.6145



13.8689, 10.9605, 3.8832



6.1747, 10.9605, 12.2596



7.5924, 10.9605, 26.9640

Sweetspot

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



16.2608, 10.9611, 11.6147



42.3467, 39.8538, 44.4073



15.2008, 10.0162, 29.5658



9.2089, 8.5565, 9.5495



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.2608, 10.9611, 11.6147



26.5187, 15.9292, 15.2961



16.1450, 12.3639, 6.5374



5.8758, 5.8454, 6.4520



10.9227, 5.5741, 3.0742



0.1463, 0.0733, 0.1041

Inverse Universe

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



16.2608, 10.9611, 11.6147



26.5187, 15.9292, 15.2961



16.2692, 20.6221, 31.5567



5.8758, 5.8454, 6.4520



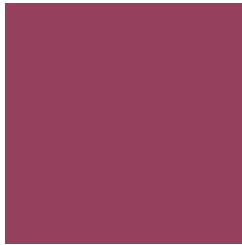
10.9227, 5.5741, 3.0742



0.1463, 0.0733, 0.1041

Previews

White Background



This preview shows how the XYZ color 16.2605, 10.9605, 11.6145 looks on a white background.

Color Contrast Check

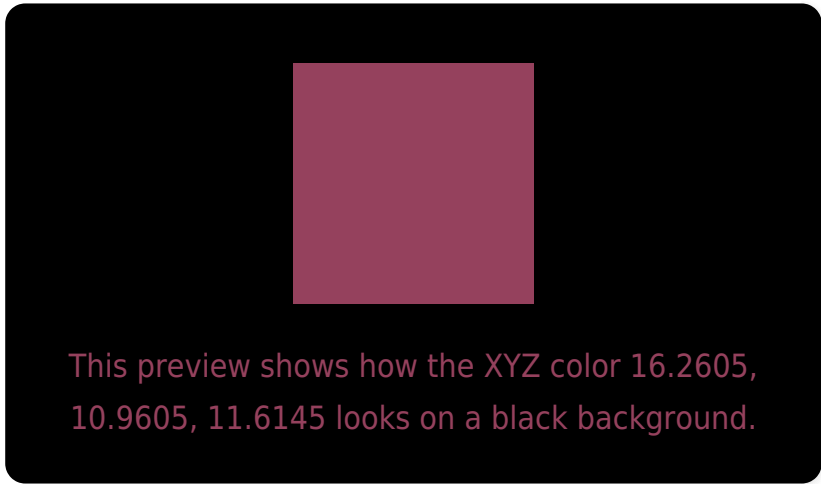
Large Text (above 18pt) WCAG AA ✓ Pass

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

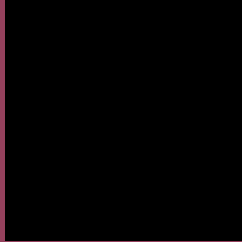
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2605, 10.9605, 11.6145

Background



This preview shows how black text looks on a background with the XYZ color 16.2605, 10.9605, 11.6145.



This preview shows how white text looks on a background with the XYZ color 16.2605, 10.9605,

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

16.2605, 10.9605, 11.6145

Protanopia

11.0432, 11.1786, 16.3275

Deuteranopia

11.3700, 11.2067, 11.0150



Tritanopia

15.3968, 10.9537, 7.7813

Trichromacy



Original Color

16.2605, 10.9605, 11.6145

Protanomaly

12.2740, 10.6307, 14.5017

Deuteranomaly

12.7479, 10.8377, 11.0929

Tritanomaly

15.7651, 11.0242, 9.0816

Monochromacy



Original Color

16.2605, 10.9605, 11.6145

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.8791, 10.4875, 11.7541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2605, 10.9605, 11.6145 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(149, 65, 93)` looks like.

```
.text, #text, p{  
    color:rgb(149, 65, 93)  
}
```

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(149, 65, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 65, 93) }
```

Border

The CSS property to change the border of an element to XYZ 16.2605, 10.9605, 11.6145 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(149, 65, 93) }
```


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

```
.border{ border-color:rgb(149, 65, 93) }
```

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

Here you see how a box with a 4 pixel rgb(149, 65, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 65, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 65, 93);  
box-shadow:4px 4px 4px 4px rgb(149, 65,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2605, 10.9605, 11.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 65, 93) }
```

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

```
.background{ background-color: rgb(149, 65,  
93) }
```

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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