

Converting Colors

XYZ(16.3584, 10.8169, 3.3591)

Have a look what the booklet for
XYZ(16.3584, 10.8169, 3.3591)
contains.

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Color

**XYZ(16.3142, 10.7627,
3.3154)**

Conversions

Conversions Part 1

Format	Color
Hex	9F3C29
RGB	159, 60, 41
RGB Percent	62%, 24%, 16%
CMY	0.3765, 0.7647, 0.8392
CMYK	0.00, 0.62, 0.74, 0.38
HSL	10°, 59%, 39%
HSV	10°, 74%, 62%
XYZ	16.3142, 10.7627, 3.3154
YIQ	87.4350, 65.1030, 15.0790

Conversions

Conversions Part 2

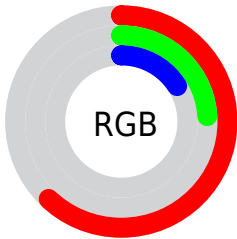
Format	Color
R_{YB}	159, 64, 41
Decimal	10435625
CIE _{Lab}	39.18, 40.04, 32.68
CIE _{LCh}	39, 51.682, 39.224
Yxy	10.7627, 0.5368, 0.3541
Android (android.graphics.Color)	4288625705 (0xFF9F3C29)
YUV	87.4350, -22.8925, 62.7625
Hunter-Lab	32.8066, 31.3539, 16.9728

Details

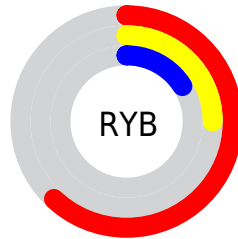
The XYZ color **16.3142, 10.7627, 3.3154** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.5499, 21.7294, 36.1227**, and the grayscale version is **9.1915, 9.6702, 10.5309**.

A 20% lighter version of the original color is **36.6182, 27.1171, 12.3210**, and **5.3777, 2.7884, 0.2548** is the 20% darker color. If you saturate the color by 10%, you get **15.4778, 9.4480, 1.9333**, and if you desaturate by 10%, it is **17.4393, 12.4758, 5.3469**.

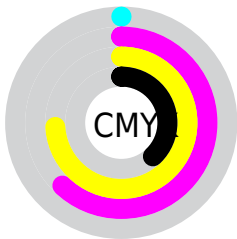
Distribution



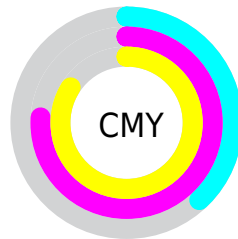
- Red (62%)
- Green (24%)
- Blue (16%)



- Red (62%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (62%)
- Yellow (74%)
- Black (38%)





- Cyan (38%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.3142, 10.7627, 3.3154 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 16.3142, 10.7627, 3.3154 by changing the saturation by 10% instead.


 16.3142, 10.7627,
3.3154


 16.3142, 10.7627,
3.3154


224.4228,
196.0322, 140.2816


 9.8390, 5.9075,
1.2578


 36.6959, 27.2205,
12.3973


 5.3538, 2.7889,
0.0269

 51.3331, 39.5919,
20.2587


 2.4932, 1.0225,
0.0000

 69.4217, 55.2375,
30.8918

 0.8918, 0.0000,
0.0000

 91.3270, 74.5417,
44.7151

 0.0000, 0.0000,
0.0000

 117.4144, 97.8889,
62.1472

 148.0493,

125.6634, 83.6066

183.5970,
158.2497, 109.5119

16.3142, 10.7627,
3.3154

16.3142, 10.7627,
3.3154

15.4778, 9.4480,
1.9333

17.4393, 12.4758,
5.3469

14.9014, 8.4970,
1.1189

18.8767, 14.6146,
8.0948

14.6588, 8.0925,
0.7894

20.6481, 17.2059,
11.6183

22.7730, 20.2739,
15.9703

25.2696, 23.8409,
21.1990

■ 28.1545, 27.9279,
27.3489

■ 31.4437, 32.5548,
34.4616

■ 35.1519, 37.7401,
42.5759

■ 39.2933, 43.5018,
51.7286

Harmonies

Analogous

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



18.3249, 10.7627, 8.9162



16.3142, 10.7627, 3.3154



12.7822, 10.7627, 1.3963

Triad

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



16.3142, 10.7627, 3.3154



5.1756, 10.7627, 6.1657



11.3362, 10.7627, 42.4861

Complementary

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



16.3142, 10.7627, 3.3154



16.5499, 21.7294, 36.1227

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.



8.0418, 10.7627, 40.1809



16.3142, 10.7627, 3.3154



4.9581, 10.7627, 15.0544

Square

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



16.3142, 10.7627, 3.3154



6.5656, 10.7627, 2.2765



5.8844, 10.7627, 28.4196



15.0526, 10.7627, 33.6142

Rectangle

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



16.3142, 10.7627, 3.3154



10.3202, 10.7627, 1.1170



5.8844, 10.7627, 28.4196



10.1395, 10.7627, 43.0674

Sweetspot

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



16.3144, 10.7633, 3.3156



46.1309, 43.9411, 39.8188



19.9211, 10.8889, 26.3683



10.1236, 9.5133, 8.3920



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.3144, 10.7633, 3.3156



27.0011, 15.7467, 2.4123



21.1415, 20.4174, 4.9246



6.7151, 6.8102, 6.9462



11.5995, 6.4346, 0.6306



0.2287, 0.1576, 0.0184

Inverse Universe

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



16.5499, 21.7294, 36.1227



27.2654, 36.0837, 64.2713



10.2125, 9.0547, 34.0103



6.7308, 7.3274, 8.4663



11.6354, 15.3623, 28.2592



0.2302, 0.3190, 0.5127

Previews

White Background



This preview shows how the XYZ color 16.3142, 10.7627, 3.3154 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 16.3142, 10.7627, 3.3154 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 16.3142, 10.7627, 3.3154

Background



This preview shows how black text looks on a background with the XYZ color 16.3142, 10.7627, 3.3154.



This preview shows how white text looks on a background with the XYZ color 16.3142, 10.7627,

3.3154.

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

16.3142, 10.7627, 3.3154

Protanopia

9.9914, 10.8925, 4.7078

Deuteranopia

10.9956, 10.8138, 3.0979



Tritanopia

16.8026, 10.7368, 5.6017

Trichromacy



Original Color

16.3142, 10.7627, 3.3154

Protanomaly

11.6239, 10.3010, 4.0650

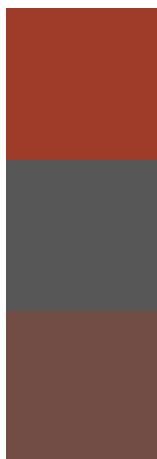
Deuteranomaly

12.5740, 10.4879, 3.1119

Tritanomaly

16.6761, 10.7660, 4.6892

Monochromacy



Original Color

16.3142, 10.7627, 3.3154

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.5694, 9.2607, 7.0248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3142, 10.7627, 3.3154 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(159, 60, 41)` looks like.

```
.text, #text, p{  
    color:rgb(159, 60, 41)  
}
```

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(159, 60, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 60, 41) }
```

Border

The CSS property to change the border of an element to XYZ 16.3142, 10.7627, 3.3154 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(159, 60, 41) }
```


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

```
.border{ border-color:rgb(159, 60, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 60, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 60, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 60, 41);  
box-shadow:4px 4px 4px 4px rgb(159, 60,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3142, 10.7627, 3.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 60, 41) }
```

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

```
.background{ background-color: rgb(159, 60,  
41) }
```

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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