

Converting Colors

XYZ(16.5568, 10.2024, 7.5796)

Have a look what the booklet for
XYZ(16.5568, 10.2024, 7.5796)
contains.

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Color

**XYZ(16.5646, 10.2195,
7.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	9E344A
RGB	158, 52, 74
RGB Percent	62%, 20%, 29%
CMY	0.3804, 0.7961, 0.7098
CMYK	0.00, 0.67, 0.53, 0.38
HSL	348°, 50%, 41%
HSV	348°, 67%, 62%
XYZ	16.5646, 10.2195, 7.5781
YIQ	86.2020, 56.1140, 29.3140

Conversions

Conversions Part 2

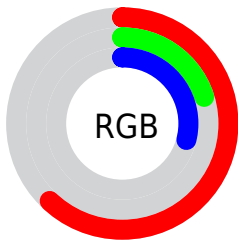
Format	Color
R_{YB}	158, 52, 74
Decimal	10368074
CIE _{Lab}	38.23, 45.52, 11.24
CIE _{LCh}	38, 46.889, 13.868
Yxy	10.2195, 0.4821, 0.2974
Android (android.graphics.Color)	4288558154 (0xFF9E344A)
YUV	86.2020, -6.0156, 62.9668
Hunter-Lab	31.9680, 36.5481, 8.3227

Details

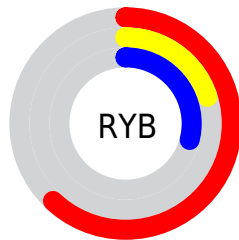
The XYZ color **16.5646, 10.2195, 7.5781** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.0877, 26.9617, 27.5455**, and the grayscale version is **8.8928, 9.3560, 10.1886**.

A 20% lighter version of the original color is **37.1797, 26.2600, 21.5215**, and **5.6142, 2.8656, 1.5535** is the 20% darker color. If you saturate the color by 10%, you get **15.5929, 8.8855, 5.3761**, and if you desaturate by 10%, it is **17.8568, 12.0603, 10.3015**.

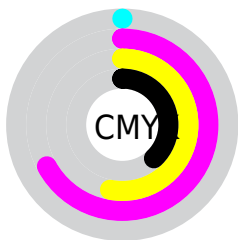
Distribution



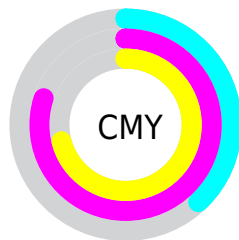
- Red (62%)
- Green (20%)
- Blue (29%)



- Red (62%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (67%)
- Yellow (53%)
- Black (38%)





- Cyan (38%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5646, 10.2195, 7.5781 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 16.5646, 10.2195, 7.5781 by changing the saturation by 10% instead.


 16.5646, 10.2195,
7.5781


 16.5646, 10.2195,
7.5781


225.8561,
192.2316, 182.1936


 10.0179, 5.5447,
3.7423


 37.1252, 26.2075,
21.6594


 5.4732, 2.5703,
1.4851

 51.8699, 38.2896,
32.7421


 2.5651, 0.9118,
0.2068

 70.0779, 53.6096,
47.0774

 0.9282, 0.0000,
0.0000

 92.1147, 72.5518,
65.0840

 0.0000, 0.0000,
0.0000

 118.3455, 95.5008,
87.1804

 149.1358,

122.8408, 113.7851

184.8509,
154.9562, 145.3166

■ 16.5646, 10.2195,
7.5781

■ 16.5646, 10.2195,
7.5781

■ 15.5929, 8.8855,
5.3761

■ 17.8568, 12.0603,
10.3015

■ 14.9114, 8.0053,
3.6603

■ 19.4946, 14.4505,
13.5770

■ 14.4757, 7.4991,
2.3887

■ 21.5014, 17.4302,
17.4336

■ 14.3720, 7.3777,
2.0897

■ 23.8984, 21.0351,
21.8980

■ 26.7049, 25.2983,
26.9952

■ 29.9393, 30.2504,
32.7488

■ 33.6185, 35.9201,
39.1812

■ 37.7587, 42.3345,
46.3136

■ 42.3751, 49.5193,
54.1666

Harmonies

Analogous

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



16.4794, 10.2195, 16.4566



16.5646, 10.2195, 7.5781



14.5659, 10.2195, 3.0912

Triad

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



16.5646, 10.2195, 7.5781



6.1998, 10.2195, 2.8963



8.1781, 10.2195, 36.1971

Complementary

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



16.5646, 10.2195, 7.5781



18.0877, 26.9617, 27.5455

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.



6.0795, 10.2195, 27.2256



16.5646, 10.2195, 7.5781



5.1110, 10.2195, 7.0941

Square

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



16.5646, 10.2195, 7.5781



8.3787, 10.2195, 1.5037



5.0721, 10.2195, 15.6409



11.1827, 10.2195, 36.5743

Rectangle

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



16.5646, 10.2195, 7.5781



12.5218, 10.2195, 1.8494



5.0721, 10.2195, 15.6409



7.3597, 10.2195, 33.9364

Sweetspot

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



16.5649, 10.2201, 7.5783



46.7267, 43.2463, 45.8330



17.3971, 10.0789, 33.3762



10.2285, 9.2849, 9.7777



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.



16.5649, 10.2201, 7.5783



27.5749, 15.1617, 7.9448



17.7407, 13.5574, 4.9314



6.6866, 6.6675, 7.2006



11.5228, 5.9137, 1.7379



0.2193, 0.1111, 0.1010

Inverse Universe

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



16.5649, 10.2201, 7.5783



27.5749, 15.1617, 7.9448



15.3031, 18.6290, 35.1369



6.6866, 6.6675, 7.2006



11.5228, 5.9137, 1.7379



0.2193, 0.1111, 0.1010

Previews

White Background



This preview shows how the XYZ color 16.5646, 10.2195, 7.5781 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 16.5646, 10.2195, 7.5781 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 16.5646, 10.2195, 7.5781

Background



This preview shows how black text looks on a background with the XYZ color 16.5646, 10.2195, 7.5781.



This preview shows how white text looks on a background with the XYZ color 16.5646, 10.2195,

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

16.5646, 10.2195, 7.5781

Protanopia

10.0456, 10.3780, 11.8296

Deuteranopia

10.5458, 10.3719, 7.0764



Tritanopia

16.0345, 10.2060, 5.1278

Trichromacy



Original Color

16.5646, 10.2195, 7.5781

Protanomaly

11.4666, 9.5538, 10.0438

Deuteranomaly

12.1903, 9.7881, 7.2080

Tritanomaly

16.1492, 10.1766, 5.9636

Monochromacy



Original Color

16.5646, 10.2195, 7.5781

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.6539, 8.9515, 9.1489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5646, 10.2195, 7.5781 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(158, 52, 74)` looks like.

```
.text, #text, p{  
    color:rgb(158, 52, 74)  
}
```

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(158, 52, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 52, 74) }
```

Border

The CSS property to change the border of an element to XYZ 16.5646, 10.2195, 7.5781 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(158, 52, 74) }
```


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

```
.border{ border-color:rgb(158, 52, 74) }
```

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

Here you see how a box with a 4 pixel rgb(158, 52, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 52, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 52, 74);  
box-shadow:4px 4px 4px 4px rgb(158, 52,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5646, 10.2195, 7.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 52, 74) }
```

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

```
.background{ background-color: rgb(158, 52,  
74) }
```

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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