

Converting Colors

XYZ(19.4301, 15.2238, 6.8853)

Have a look what the booklet for
XYZ(19.4301, 15.2238, 6.8853)
contains.

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Color

**XYZ(19.4268, 15.2078,
6.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	A25941
RGB	162, 89, 65
RGB Percent	64%, 35%, 25%
CMY	0.3647, 0.6510, 0.7451
CMYK	0.00, 0.45, 0.60, 0.36
HSL	15°, 43%, 45%
HSV	15°, 60%, 64%
XYZ	19.4268, 15.2078, 6.9125
YIQ	108.0910, 51.2120, 8.0120

Conversions

Conversions Part 2

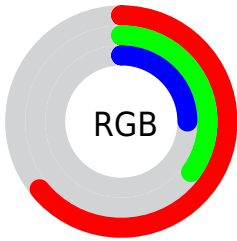
Format	Color
RYB	162, 97, 65
Decimal	10639681
CIELab	45.92, 27.64, 26.97
CIElCh	46, 38.618, 44.296
Yxy	15.2078, 0.4676, 0.3660
Android (android.graphics.Color)	4288829761 (0xFFA25941)
YUV	108.0910, -21.2439, 47.2782
Hunter-Lab	38.9972, 20.6763, 16.7885

Details

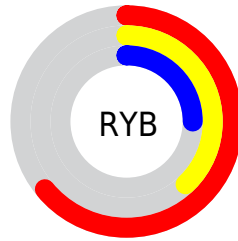
The XYZ color **19.4268, 15.2078, 6.9125** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.7894, 21.9081, 37.4733**, and the grayscale version is **14.3275, 15.0736, 16.4152**.

A 20% lighter version of the original color is **41.8739, 35.1641, 20.2031**, and **6.8722, 4.7042, 1.2553** is the 20% darker color. If you saturate the color by 10%, you get **18.0913, 13.1832, 4.4748**, and if you desaturate by 10%, it is **21.0657, 17.6239, 10.1156**.

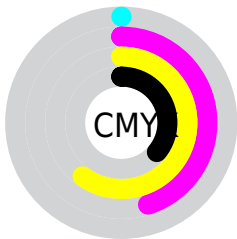
Distribution



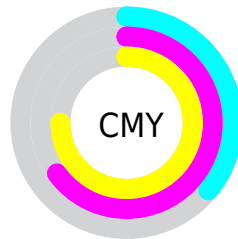
- Red (64%)
- Green (35%)
- Blue (25%)



- Red (64%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4268, 15.2078, 6.9125 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 19.4268, 15.2078, 6.9125 by changing the saturation by 10% instead.

■ 19.4268, 15.2078,
6.9125

■ 19.4268, 15.2078,
6.9125

241.6881,
224.6206, 176.5379

■ 12.0849, 8.9654,
3.3298

■ 41.9654, 35.2173,
20.3068

■ 6.8741, 4.7186,
1.2654

■ 57.8928, 49.7532,
30.9556

■ 3.4291, 2.0831,
0.0332

■ 77.4127, 67.8223,
44.7967

■ 1.3846, 0.6551,
0.0000

■ 100.8906, 89.8090,
62.2489

■ 0.2452, 0.0000,
0.0000

■ 128.6917,
116.0979, 83.7305

■ 0.0000, 0.0000,
0.0000

■ 161.1814,

147.0731, 109.6602

198.7251,
183.1192, 140.4565

■ 19.4268, 15.2078,
6.9125

■ 19.4268, 15.2078,
6.9125

■ 18.0913, 13.1832,
4.4748

■ 21.0657, 17.6239,
10.1156

■ 17.0379, 11.5264,
2.7365

■ 23.0250, 20.4487,
14.1409

■ 16.2441, 10.2147,
1.6215

■ 25.3218, 23.7012,
19.0409

■ 15.6683, 9.2157,
0.9588

■ 27.9715, 27.3984,
24.8632

■ 15.6620, 9.2050,
0.9513

■ 30.9885, 31.5566,
31.6521

■ 34.3866, 36.1910,
39.4492

■ 38.1786, 41.3162,
48.2932

■ 42.3768, 46.9461,
58.2213

■ 46.9930, 53.0943,
69.2684

Harmonies

Analogous

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



21.4273, 15.2078, 12.5060



19.4268, 15.2078, 6.9125



16.2203, 15.2078, 4.5844

Triad

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



19.4268, 15.2078, 6.9125



9.2165, 15.2078, 12.1554



16.0599, 15.2078, 40.7899

Complementary

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



19.4268, 15.2078, 6.9125



17.7894, 21.9081, 37.4733

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.



12.8218, 15.2078, 40.5817



19.4268, 15.2078, 6.9125



9.1869, 15.2078, 21.4041

Square

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



19.4268, 15.2078, 6.9125



10.5005, 15.2078, 6.7395



10.4126, 15.2078, 32.5457



19.2942, 15.2078, 33.0384

Rectangle

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



19.4268, 15.2078, 6.9125



13.9896, 15.2078, 4.3259



10.4126, 15.2078, 32.5457



14.9297, 15.2078, 41.7198

Sweetspot

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



19.4272, 15.2086, 6.9128



51.5766, 50.8427, 46.9116



21.4776, 13.3368, 26.0090



11.2608, 10.9712, 9.8171



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.4272, 15.2086, 6.9128



32.1190, 22.8080, 6.8829



24.6773, 25.7089, 8.6628



7.2096, 7.3575, 7.4203



12.3688, 7.3115, 0.7594



0.2946, 0.2230, 0.0275

Inverse Universe

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



17.7894, 21.9081, 37.4733



28.7830, 35.9221, 67.4728



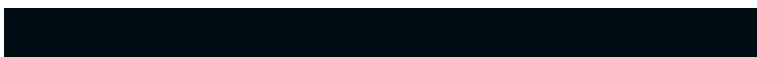
12.4313, 11.1919, 35.6873



7.1270, 7.7129, 9.0162



10.6472, 13.0738, 28.8921



0.2575, 0.3422, 0.6183

Previews

White Background



This preview shows how the XYZ color 19.4268, 15.2078, 6.9125 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 19.4268, 15.2078, 6.9125 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 19.4268, 15.2078, 6.9125

Background



This preview shows how black text looks on a background with the XYZ color 19.4268, 15.2078, 6.9125.



This preview shows how white text looks on a background with the XYZ color 19.4268, 15.2078,

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

19.4268, 15.2078, 6.9125

Protanopia

14.2790, 15.3403, 8.5117

Deuteranopia

15.4927, 15.2350, 6.6815



Tritanopia

20.5694, 15.3208, 11.9983

Trichromacy



Original Color

19.4268, 15.2078, 6.9125

Protanomaly

15.8485, 15.0958, 7.8728

Deuteranomaly

16.8606, 15.2119, 6.7502

Tritanomaly

20.0354, 15.2121, 9.8629

Monochromacy



Original Color

19.4268, 15.2078, 6.9125

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.4875, 14.6693, 12.1404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4268, 15.2078, 6.9125 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(162, 89, 65)` looks like.

```
.text, #text, p{  
    color:rgb(162, 89, 65)  
}
```

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(162, 89, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 89, 65) }
```

Border

The CSS property to change the border of an element to XYZ 19.4268, 15.2078, 6.9125 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(162, 89, 65) }
```


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

```
.border{ border-color:rgb(162, 89, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 89, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 89, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 89, 65);  
box-shadow:4px 4px 4px 4px rgb(162, 89,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4268, 15.2078, 6.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 89, 65) }
```

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

```
.background{ background-color: rgb(162, 89,  
65) }
```

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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