

Converting Colors

XYZ(15.3253, 19.8635, 9.2665)

Have a look what the booklet for
XYZ(15.3253, 19.8635, 9.2665)
contains.

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Color

**XYZ(15.2628, 19.7778,
9.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8349
RGB	106, 131, 73
RGB Percent	42%, 51%, 29%
CMY	0.5843, 0.4863, 0.7137
CMYK	0.19, 0.00, 0.44, 0.49
HSL	86°, 28%, 40%
HSV	86°, 44%, 51%
XYZ	15.2628, 19.7778, 9.3164
YIQ	116.9130, 3.7180, -23.3380

Conversions

Conversions Part 2

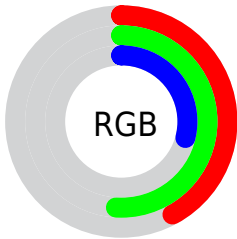
Format	Color
R_{YB}	73, 131, 98
Decimal	6980425
CIE Lab	51.59, -19.54, 28.40
CIE LCh	52, 34.472, 124.540
Yxy	19.7778, 0.3441, 0.4459
Android (android.graphics.Color)	4285170505 (0xFF6A8349)
YUV	116.9130, -21.6491, -9.5707
Hunter-Lab	44.4722, -16.5655, 18.7100

Details

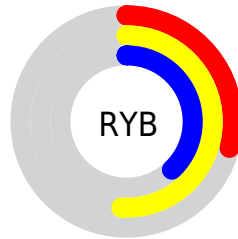
The XYZ color **15.2628, 19.7778, 9.3164** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.5170, 9.0010, 22.6041**, and the grayscale version is **16.9461, 17.8287, 19.4154**.

A 20% lighter version of the original color is **34.8162, 42.9801, 25.1999**, and **4.8276, 6.8338, 2.1015** is the 20% darker color. If you saturate the color by 10%, you get **14.2244, 19.2881, 7.2346**, and if you desaturate by 10%, it is **16.4379, 20.3286, 11.8831**.

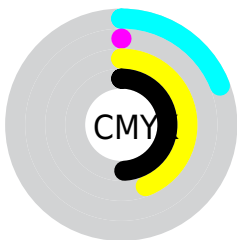
Distribution



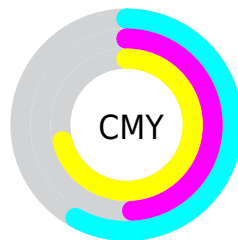
- Red (42%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (38%)



- Cyan (19%)
- Magenta (0%)
- Yellow (44%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2628, 19.7778, 9.3164 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 15.2628, 19.7778, 9.3164 by changing the saturation by 10% instead.

■ 15.2628, 19.7778,
9.3164

■ 15.2628, 19.7778,
9.3164

218.3084,
250.7097, 196.0251

■ 9.0915, 12.2336,
4.8485

■ 34.8814, 43.0443,
25.0889

■ 4.8585, 6.9030,
2.1015

■ 49.0595, 59.5355,
37.2306

■ 2.1984, 3.4015,
0.6166

■ 66.6373, 79.7778,
52.7673

■ 0.7419, 1.3448,
0.0000

■ 87.9801, 104.1555,
72.1176

■ 0.0000, 0.1755,
0.0000

■ 113.4532,
133.0532, 95.7000

■ 0.0000, 0.0000,
0.0000

143.4221,

166.8552, 123.9330

178.2520,
205.9459, 157.2352

■ 15.2628, 19.7778,
9.3164

■ 15.2628, 19.7778,
9.3164

■ 14.2244, 19.2881,
7.2346

■ 16.4379, 20.3286,
11.8831

■ 13.3147, 18.8542,
5.6058

■ 17.7543, 20.9405,
14.9613

■ 12.5267, 18.4740,
4.3964


■ 19.2183, 21.6167,
18.5772


■ 11.8522, 18.1439,
3.5676


■ 20.8351, 22.3594,
22.7549


■ 11.2805, 17.8596,
3.0681


■ 22.6098, 23.1707,
27.5169

 10.9819, 17.7105,
2.8397

 24.5473, 24.0527,
32.8846

 26.6520, 25.0073,
38.8783

 28.9283, 26.0362,
45.5172

 31.3805, 27.1412,
52.8199

Harmonies

Analogous

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



18.2750, 19.7778, 7.5490



15.2628, 19.7778, 9.3164



13.3938, 19.7778, 14.3193

Triad

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



15.2628, 19.7778, 9.3164



16.0729, 19.7778, 43.8096



26.2661, 19.7778, 20.0571

Complementary

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



15.2628, 19.7778, 9.3164



11.5170, 9.0010, 22.6041

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.



25.4900, 19.7778, 30.8396



15.2628, 19.7778, 9.3164



19.3313, 19.7778, 46.7570

Square

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



15.2628, 19.7778, 9.3164



13.8196, 19.7778, 34.2896



22.8413, 19.7778, 41.4255



24.8484, 19.7778, 12.4147

Rectangle

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



15.2628, 19.7778, 9.3164



12.9070, 19.7778, 19.7668



22.8413, 19.7778, 41.4255



26.2544, 19.7778, 23.4050

Sweetspot

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



15.2633, 19.7787, 9.3168



34.6843, 38.8334, 33.9506



14.8535, 13.8872, 8.2013



7.9503, 8.9837, 7.5885



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.



15.2633, 19.7787, 9.3168



25.4808, 34.5436, 12.9722



12.4477, 18.3272, 9.1851



4.8509, 5.3257, 5.0017



10.8126, 17.4340, 2.7952



0.0458, 0.0647, 0.0101

Inverse Universe

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



11.5170, 9.0010, 22.6041



17.8805, 12.6614, 39.9546



15.1088, 10.8526, 22.7722



4.6107, 4.6354, 5.8525



5.6669, 2.4555, 21.3120



0.0277, 0.0127, 0.0742

Previews

White Background



This preview shows how the XYZ color 15.2628, 19.7778, 9.3164 looks on a white 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

Black Background



This preview shows how the XYZ color 15.2628, 19.7778, 9.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

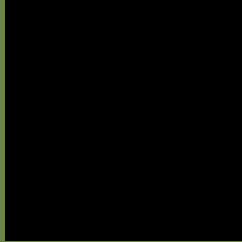
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2628, 19.7778, 9.3164

Background



This preview shows how black text looks on a background with the XYZ color 15.2628, 19.7778, 9.3164.



This preview shows how white text looks on a background with the XYZ color 15.2628, 19.7778,

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

15.2628, 19.7778, 9.3164

Protanopia

18.1801, 19.7590, 8.6500

Deuteranopia

19.8785, 19.5403, 9.5614



Tritanopia

18.4502, 19.7139, 25.3870

Trichromacy



Original Color

15.2628, 19.7778, 9.3164

Protanomaly

16.9104, 19.6617, 8.8651

Deuteranomaly

17.9024, 19.4136, 9.4603

Tritanomaly

17.0695, 19.7281, 18.2375

Monochromacy



Original Color

15.2628, 19.7778, 9.3164

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.1185, 18.3694, 15.0080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2628, 19.7778, 9.3164 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(106, 131, 73)` looks like.

```
.text, #text, p{  
    color:rgb(106, 131, 73)  
}
```

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(106, 131, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 131, 73) }
```

Border

The CSS property to change the border of an element to XYZ 15.2628, 19.7778, 9.3164 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(106, 131, 73) }
```


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

```
.border{ border-color:rgb(106, 131, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 131, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 131, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 131, 73);  
box-shadow:4px 4px 4px 4px rgb(106, 131,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2628, 19.7778, 9.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 131, 73) }
```

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

```
.background{ background-color: rgb(106,  
131, 73) }
```

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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