

Converting Colors

XYZ(18.1762, 25.8333, 15.2783)

Have a look what the booklet for
XYZ(18.1762, 25.8333, 15.2783)
contains.

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Color

**XYZ(18.2098, 25.8063,
15.3306)**

Conversions

Conversions Part 1

Format	Color
Hex	609861
RGB	96, 152, 97
RGB Percent	38%, 60%, 38%
CMY	0.6235, 0.4039, 0.6196
CMYK	0.37, 0.00, 0.36, 0.40
HSL	121°, 23%, 49%
HSV	121°, 37%, 60%
XYZ	18.2098, 25.8063, 15.3306
YIQ	128.9860, -15.7210, -28.9770

Conversions

Conversions Part 2

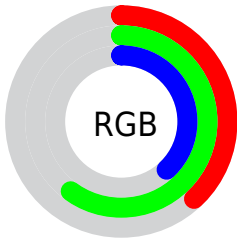
Format	Color
R_{YB}	96, 151, 152
Decimal	6330465
CIE _{Lab}	57.85, -30.09, 23.29
CIE _{LCh}	58, 38.046, 142.263
Yxy	25.8063, 0.3068, 0.4348
Android (android.graphics.Color)	4284520545 (0xFF609861)
YUV	128.9860, -15.7691, -28.9287
Hunter-Lab	50.7999, -24.9145, 17.6672

Details

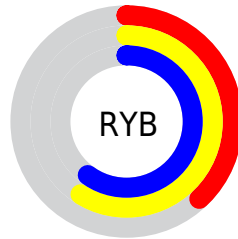
The XYZ color **18.2098, 25.8063, 15.3306** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7186, 17.2761, 31.4165**, and the grayscale version is **20.9193, 22.0088, 23.9675**.

A 20% lighter version of the original color is **40.0525, 53.1533, 36.1656**, and **6.3116, 10.0955, 4.6336** is the 20% darker color. If you saturate the color by 10%, you get **16.1308, 24.8083, 11.9355**, and if you desaturate by 10%, it is **20.7304, 27.0183, 19.4314**.

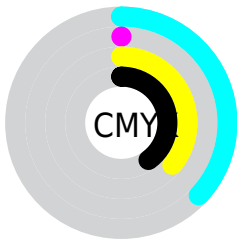
Distribution



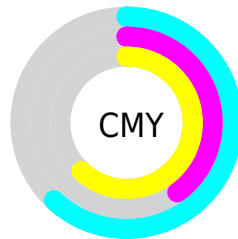
- Red (38%)
- Green (60%)
- Blue (38%)



- Red (38%)
- Yellow (59%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (36%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2098, 25.8063, 15.3306 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 18.2098, 25.8063, 15.3306 by changing the saturation by 10% instead.

■ 18.2098, 25.8063,
15.3306

■ 18.2098, 25.8063,
15.3306

235.0737,
281.8299, 237.0679

■ 11.2013, 16.6788,
8.9025

■ 39.9218, 52.9623,
36.1826

■ 6.2707, 10.0057,
4.5817

■ 55.3560, 71.7596,
51.4436

■ 3.0526, 5.4028,
1.9496

■ 74.3295, 94.5489,
70.4860

■ 1.1816, 2.4855,
0.5240

■ 97.2076, 121.7146,
93.7284

■ 0.0918, 0.8693,
0.0000

124.3558,
153.6412, 121.5892

■ 0.0000, 0.0000,
0.0000

156.1393,

190.7130, 154.4870

192.9235,
233.3145, 192.8404

■ 18.2098, 25.8063,
15.3306

■ 18.2098, 25.8063,
15.3306

■ 16.1308, 24.8083,
11.9355

■ 20.7304, 27.0183,
19.4314

■ 14.4661, 24.0088,
9.2046

■ 23.7139, 28.4523,
24.2726

■ 13.1886, 23.3956,
7.0950


■ 27.1825, 30.1197,
29.8888


■ 12.2671, 22.9536,
5.5579


■ 31.1565, 32.0303,
36.3120


■ 11.6655, 22.6655,
4.5373

■ 35.6550, 34.1933,
43.5722


 11.3295, 22.5047,
3.9600

 40.6961, 36.6175,
51.6981

 11.2436, 22.4634,
3.8212

 46.2970, 39.3111,
60.7168

 52.4744, 42.2821,
70.6545

 59.2438, 45.5380,
81.5359

Harmonies

Analogous

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



21.3448, 25.8063, 10.6407



18.2098, 25.8063, 15.3306



16.8050, 25.8063, 24.8425

Triad

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



18.2098, 25.8063, 15.3306



23.3631, 25.8063, 61.1746



33.6004, 25.8063, 19.5958

Complementary

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



18.2098, 25.8063, 15.3306



22.7186, 17.2761, 31.4165

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.



34.3153, 25.8063, 31.6276



18.2098, 25.8063, 15.3306



28.0132, 25.8063, 58.4474

Square

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



18.2098, 25.8063, 15.3306



19.5297, 25.8063, 53.0945



32.1612, 25.8063, 46.5047



30.3140, 25.8063, 12.5161

Rectangle

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



18.2098, 25.8063, 15.3306



16.8989, 25.8063, 33.7951



32.1612, 25.8063, 46.5047



34.1647, 25.8063, 23.0813

Sweetspot

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



18.2105, 25.8074, 15.3312



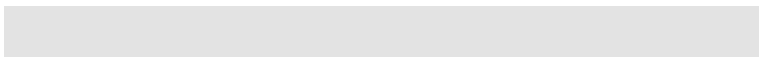
45.1938, 51.8237, 48.2492



26.1155, 29.8879, 15.4592



10.1007, 11.6965, 10.6892



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.2105, 25.8074, 15.3312



29.1407, 44.1088, 22.1614



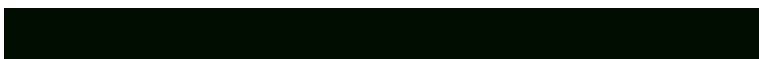
19.7503, 26.4233, 23.4397



6.1364, 6.9273, 6.6417



9.4284, 18.8348, 3.2105



0.1420, 0.2820, 0.0535

Inverse Universe

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



22.7186, 17.2761, 31.4165



38.2558, 26.8565, 54.6829



20.7119, 16.4734, 20.8495



6.4565, 6.3217, 7.7838



15.4264, 7.4248, 24.5681



0.2319, 0.1115, 0.3741

Previews

White Background



This preview shows how the XYZ color 18.2098, 25.8063, 15.3306 looks on a white background.

Color Contrast Check

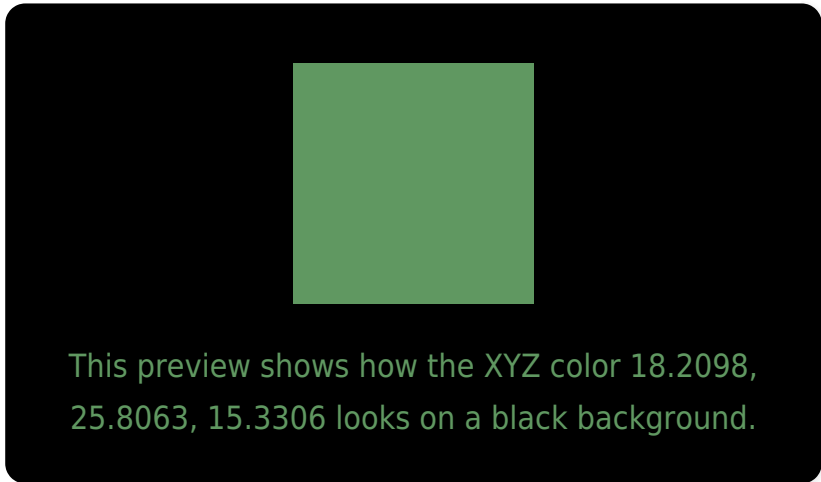
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 18.2098, 25.8063, 15.3306

Background



This preview shows how black text looks on a background with the XYZ color 18.2098, 25.8063, 15.3306.



This preview shows how white text looks on a background with the XYZ color 18.2098, 25.8063,

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

18.2098, 25.8063, 15.3306

Protanopia

23.5545, 25.4163, 13.5619

Deuteranopia

26.0463, 25.6072, 15.8818



Tritanopia

22.1896, 25.7769, 35.2584

Trichromacy



Original Color

18.2098, 25.8063, 15.3306

Protanomaly

21.0042, 25.1811, 14.1093

Deuteranomaly

22.3258, 25.1652, 15.7373

Tritanomaly

20.5566, 25.8126, 26.8206

Monochromacy



Original Color

18.2098, 25.8063, 15.3306

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.4927, 22.9576, 20.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2098, 25.8063, 15.3306 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(96, 152, 97)` looks like.

```
.text, #text, p{  
    color:rgb(96, 152, 97)  
}
```

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(96, 152, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 152, 97) }
```

Border

The CSS property to change the border of an element to XYZ 18.2098, 25.8063, 15.3306 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(96, 152, 97) }
```


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

```
.border{ border-color:rgb(96, 152, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 152, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 152, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 152, 97);  
box-shadow:4px 4px 4px 4px rgb(96, 152,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2098, 25.8063, 15.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 152, 97) }
```

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

```
.background{ background-color: rgb(96, 152,  
97) }
```

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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