

Converting Colors

XYZ(18.1402, 26.5803, 11.9594)

Have a look what the booklet for
XYZ(18.1402, 26.5803, 11.9594)
contains.

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Color

**XYZ(18.1363, 26.5782,
11.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	619B51
RGB	97, 155, 81
RGB Percent	38%, 61%, 32%
CMY	0.6196, 0.3921, 0.6823
CMYK	0.37, 0.00, 0.48, 0.39
HSL	107°, 31%, 46%
HSV	107°, 48%, 61%
XYZ	18.1363, 26.5782, 11.9588
YIQ	129.2220, -10.8140, -35.3100

Conversions

Conversions Part 2

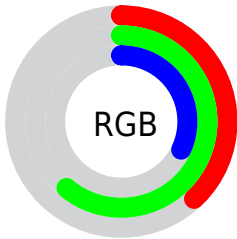
Format	Color
R_{YB}	81, 155, 139
Decimal	6396753
CIE _{Lab}	58.58, -33.62, 32.81
CIE _{LCh}	59, 46.976, 135.698
Yxy	26.5782, 0.3200, 0.4690
Android (android.graphics.Color)	4284586833 (0xFF619B51)
YUV	129.2220, -23.7734, -28.2587
Hunter-Lab	51.5540, -27.4247, 22.3346

Details

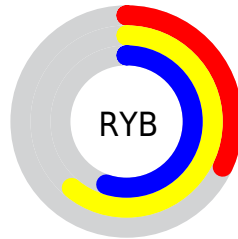
The XYZ color **18.1363, 26.5782, 11.9588** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.5076, 13.7413, 32.6360**, and the grayscale version is **21.0282, 22.1233, 24.0923**.

A 20% lighter version of the original color is **39.7891, 54.2432, 30.2027**, and **6.2069, 10.3682, 3.1130** is the 20% darker color. If you saturate the color by 10%, you get **16.4234, 25.7556, 9.1833**, and if you desaturate by 10%, it is **20.1815, 27.5583, 15.4436**.

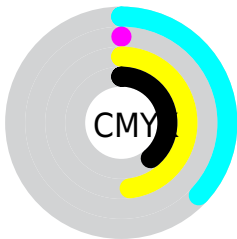
Distribution



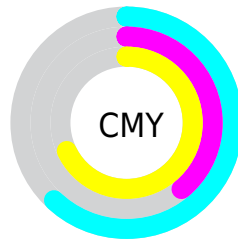
- Red (38%)
- Green (61%)
- Blue (32%)



- Red (32%)
- Yellow (61%)
- Blue (55%)



- Cyan (37%)
- Magenta (0%)
- Yellow (48%)
- Black (39%)



- Cyan (62%)
- Magenta (39%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1363, 26.5782, 11.9588 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 18.1363, 26.5782, 11.9588 by changing the saturation by 10% instead.

■ 18.1363, 26.5782,
11.9588

■ 18.1363, 26.5782,
11.9588

234.6689,
285.6090, 215.1006

■ 11.1482, 17.2567,
6.5934

■ 39.7977, 54.2063,
30.0833

■ 6.2346, 10.4177,
3.1346

■ 55.2017, 73.2816,
43.6796

■ 3.0303, 5.6768,
1.1638

■ 74.1417, 96.3770,
60.8565

■ 1.1698, 2.6495,
0.0000

■ 96.9830, 123.8769,
82.0327

■ 0.0823, 0.9516,
0.0000

■ 124.0910,
156.1657, 107.6266

■ 0.0000, 0.0000,
0.0000

155.8311,

193.6277, 138.0569

192.5686,
236.6473, 173.7420

■ 18.1363, 26.5782,
11.9588

■ 18.1363, 26.5782,
11.9588

■ 16.4234, 25.7556,
9.1833

■ 20.1815, 27.5583,
15.4436

■ 15.0227, 25.0790,
7.0667

■ 22.5738, 28.7003,
19.6800

■ 13.9149, 24.5402,
5.5549


■ 25.3293, 30.0124,
24.7090


■ 13.0775, 24.1291,
4.5842


■ 28.4628, 31.5013,
30.5682


■ 12.4775, 23.8311,
4.0428


■ 31.9878, 33.1733,
37.2927

 12.3655, 23.7756,
3.9374

 35.9175, 35.0345,
44.9158

 40.2643, 37.0906,
53.4687

 45.0402, 39.3470,
62.9815

 50.2566, 41.8092,
73.4826

Harmonies

Analogous

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



22.3824, 26.5782, 7.8856



18.1363, 26.5782, 11.9588



15.9786, 26.5782, 21.7899

Triad

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



18.1363, 26.5782, 11.9588



22.6236, 26.5782, 71.8347



37.4931, 26.5782, 21.1783

Complementary

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



18.1363, 26.5782, 11.9588



19.5076, 13.7413, 32.6360

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.



37.5839, 26.5782, 37.5025



18.1363, 26.5782, 11.9588



28.3780, 26.5782, 71.4689

Square

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



18.1363, 26.5782, 11.9588



18.2896, 26.5782, 58.0882



34.0449, 26.5782, 57.2236



33.8128, 26.5782, 11.6584

Rectangle

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



18.1363, 26.5782, 11.9588



15.7669, 26.5782, 32.2034



34.0449, 26.5782, 57.2236



37.9612, 26.5782, 25.9033

Sweetspot

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



18.1370, 26.5793, 11.9594



47.2285, 54.6349, 47.7170



24.2318, 26.0195, 11.5301



10.4409, 12.2479, 10.3375



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.1370, 26.5793, 11.9594



29.3086, 46.0740, 16.2848



17.5122, 26.1520, 16.6872



6.2508, 6.9868, 6.6250



9.9595, 19.1102, 3.1637



0.1753, 0.2993, 0.0485

Inverse Universe

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



19.5076, 13.7413, 32.6360



32.0199, 20.2971, 57.7664



20.7664, 14.5763, 24.2866



6.3305, 6.2563, 7.8029



11.1738, 5.2114, 25.3247



0.1961, 0.0929, 0.3800

Previews

White Background



This preview shows how the XYZ color 18.1363, 26.5782, 11.9588 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 18.1363, 26.5782, 11.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

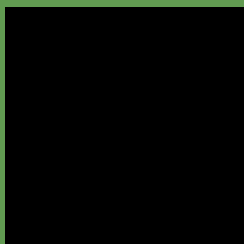
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.1363, 26.5782, 11.9588

Background



This preview shows how black text looks on a background with the XYZ color 18.1363, 26.5782, 11.9588.



This preview shows how white text looks on a background with the XYZ color 18.1363, 26.5782,

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

18.1363, 26.5782, 11.9588

Protanopia

24.0090, 26.1480, 10.6191

Deuteranopia

26.7824, 26.2681, 12.4628



Tritanopia

23.0060, 26.4059, 36.2321

Trichromacy



Original Color

18.1363, 26.5782, 11.9588

Protanomaly

21.1734, 25.7874, 11.0692

Deuteranomaly

22.6009, 25.8257, 12.1812

Tritanomaly

20.7206, 26.1708, 25.0785

Monochromacy



Original Color

18.1363, 26.5782, 11.9588

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.3492, 23.1287, 18.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1363, 26.5782, 11.9588 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(97, 155, 81)` looks like.

```
.text, #text, p{  
    color:rgb(97, 155, 81)  
}
```

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(97, 155, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 155, 81) }
```

Border

The CSS property to change the border of an element to XYZ 18.1363, 26.5782, 11.9588 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(97, 155, 81) }
```


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

```
.border{ border-color:rgb(97, 155, 81) }
```

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

Here you see how a box with a 4 pixel rgb(97, 155, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 155, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 155, 81);  
box-shadow:4px 4px 4px 4px rgb(97, 155,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1363, 26.5782, 11.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 155, 81) }
```

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

```
.background{ background-color: rgb(97, 155,  
81) }
```

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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