

Converting Colors

XYZ(16.5292, 25.3898, 16.9029)

Have a look what the booklet for
XYZ(16.5292, 25.3898, 16.9029)
contains.

XYZ(16.5296, 25.3926, 16.8620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.5296, 25.3926,
16.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	469A67
RGB	70, 154, 103
RGB Percent	27%, 60%, 40%
CMY	0.7255, 0.3961, 0.5961
CMYK	0.55, 0.00, 0.33, 0.40
HSL	144°, 37%, 44%
HSV	144°, 55%, 60%
XYZ	16.5296, 25.3926, 16.8620
YIQ	123.0700, -33.6930, -33.6690

Conversions

Conversions Part 2

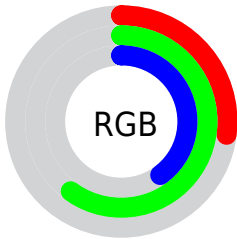
Format	Color
RYB	70, 130, 154
Decimal	4627047
CIELab	57.46, -37.53, 19.25
CIELCh	57, 42.177, 152.851
Yxy	25.3926, 0.2812, 0.4320
Android (android.graphics.Color)	4282817127 (0xFF469A67)
YUV	123.0700, -9.8945, -46.5424
Hunter-Lab	50.3911, -29.6317, 15.4340

Details

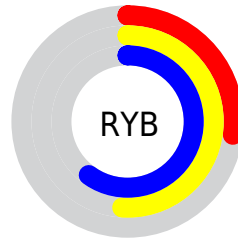
The XYZ color **16.5296, 25.3926, 16.8620** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.9687, 12.6314, 19.5286**, and the grayscale version is **18.8900, 19.8738, 21.6425**.

A 20% lighter version of the original color is **37.0906, 52.2940, 38.7107**, and **5.4410, 9.7786, 5.2151** is the 20% darker color. If you saturate the color by 10%, you get **15.1147, 24.7151, 14.4817**, and if you desaturate by 10%, it is **18.2833, 26.2401, 19.5333**.

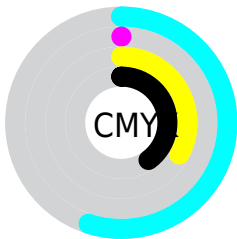
Distribution



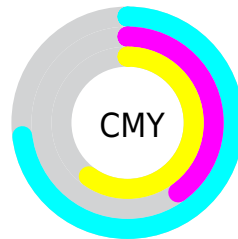
- Red (27%)
- Green (60%)
- Blue (40%)



- Red (27%)
- Yellow (51%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (73%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5296, 25.3926, 16.8620 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 16.5296, 25.3926, 16.8620 by changing the saturation by 10% instead.

■ 16.5296, 25.3926,
16.8620

■ 16.5296, 25.3926,
16.8620

225.6563,
279.7875, 246.3928

■ 9.9929, 16.3698,
9.9752

■ 37.0653, 52.2934,
38.8757

■ 5.4565, 9.7862,
5.2771

■ 51.7950, 70.9402,
54.8398

■ 2.5550, 5.2574,
2.3492

■ 69.9863, 93.5638,
74.6667

■ 0.9231, 2.3991,
0.7586

■ 92.0048, 120.5486,
98.7750

■ 0.0000, 0.8254,
0.0000

■ 118.2157,
152.2790, 127.5832

■ 0.0000, 0.0000,
0.0000

148.9843,

189.1393, 161.5099

184.6761,
231.5140, 200.9736

■ 16.5296, 25.3926,
16.8620

■ 16.5296, 25.3926,
16.8620

■ 15.1147, 24.7151,
14.4817

■ 18.2833, 26.2401,
19.5333

■ 14.0125, 24.1923,
12.3805

■ 20.3952, 27.2653,
22.5035

■ 13.1964, 23.8113,
10.5482

■ 22.8858, 28.4792,
25.7822

■ 12.6329, 23.5550,
8.9734

■ 25.7732, 29.8911,
29.3781

■ 12.3850, 23.4437,
8.2169

■ 29.0745, 31.5096,
33.2996

■ 32.8055, 33.3427,
37.5547

■ 36.9815, 35.3981,
42.1512

■ 41.6167, 37.6830,
47.0965

■ 46.7250, 40.2043,
52.3980

Harmonies

Analogous

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



19.2719, 25.3926, 10.3294



16.5296, 25.3926, 16.8620



15.7265, 25.3926, 29.0448

Triad

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



16.5296, 25.3926, 16.8620



24.6178, 25.3926, 65.4308



33.1782, 25.3926, 15.2081

Complementary

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



16.5296, 25.3926, 16.8620



18.9687, 12.6314, 19.5286

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.



35.1066, 25.3926, 26.2971



16.5296, 25.3926, 16.8620



29.7541, 25.3926, 57.9516

Square

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



16.5296, 25.3926, 16.8620



19.9958, 25.3926, 60.2308



33.7748, 25.3926, 42.2654



28.8090, 25.3926, 9.6331

Rectangle

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



16.5296, 25.3926, 16.8620



16.2932, 25.3926, 39.8221



33.7748, 25.3926, 42.2654



34.1588, 25.3926, 18.2489

Sweetspot

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



16.5303, 25.3936, 16.8626



45.8318, 53.8150, 52.1629



20.6597, 27.6776, 10.0481



10.1406, 12.0667, 11.5197



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.



16.5303, 25.3936, 16.8626



27.0639, 44.7083, 25.5986



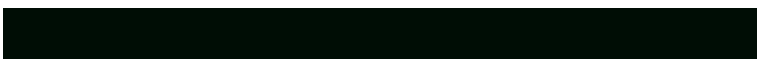
19.1316, 26.4342, 30.5609



6.2276, 6.9638, 7.1221



10.1066, 19.1061, 6.7818



0.1682, 0.2925, 0.1914

Inverse Universe

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



18.9687, 12.6314, 19.5286



31.9364, 19.1264, 30.8667



16.9579, 11.8271, 8.9402



6.3584, 6.2825, 7.2672



12.5032, 6.2555, 9.1747



0.2047, 0.1006, 0.2309

Previews

White Background



This preview shows how the XYZ color 16.5296, 25.3926, 16.8620 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 16.5296, 25.3926, 16.8620 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 16.5296, 25.3926, 16.8620

Background



This preview shows how black text looks on a background with the XYZ color 16.5296, 25.3926, 16.8620.



This preview shows how white text looks on a background with the XYZ color 16.5296, 25.3926,

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

16.5296, 25.3926, 16.8620

Protanopia

23.2697, 25.0317, 14.6715

Deuteranopia

25.4552, 25.0588, 17.6826



Tritanopia

20.4380, 25.3019, 36.6075

Trichromacy



Original Color

16.5296, 25.3926, 16.8620

Protanomaly

19.8203, 24.5388, 15.4962

Deuteranomaly

20.7320, 24.3088, 17.2350

Tritanomaly

18.8748, 25.3822, 28.3306

Monochromacy



Original Color

16.5296, 25.3926, 16.8620

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.3864, 21.2542, 19.7091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5296, 25.3926, 16.8620 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(70, 154, 103)` looks like.

```
.text, #text, p{  
    color:rgb(70, 154, 103)  
}
```

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(70, 154, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 154, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.5296, 25.3926, 16.8620 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(70, 154, 103) }
```


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

```
.border{ border-color:rgb(70, 154, 103) }
```

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

Here you see how a box with a 4 pixel rgb(70, 154, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 154, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 154, 103);  
box-shadow:4px 4px 4px 4px rgb(70, 154,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5296, 25.3926, 16.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 154, 103) }
```

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

```
.background{ background-color: rgb(70, 154,  
103) }
```

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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