

Converting Colors

XYZ(16.2602, 25.5498, 3.1075)

Have a look what the booklet for
XYZ(16.2602, 25.5498, 3.1075)
contains.

XYZ(16.4854, 25.6526, 4.0826)	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(16.4854, 25.6526,
4.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	619A00
RGB	97, 154, 0
RGB Percent	38%, 60%, 0%
CMY	0.6196, 0.3961, 0.9999
CMYK	0.37, 0.00, 1.00, 0.40
HSL	82°, 100%, 30%
HSV	82°, 100%, 60%
XYZ	16.4854, 25.6526, 4.0826
YIQ	119.4010, 15.4620, -59.9780

Conversions

Conversions Part 2

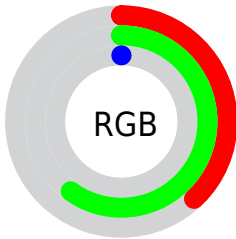
Format	Color
RYB	0, 154, 57
Decimal	6396416
CIELab	57.71, -38.86, 60.14
CIELCh	58, 71.599, 122.867
Yxy	25.6526, 0.3567, 0.5550
Android (android.graphics.Color)	4284586496 (0xFF619A00)
YUV	119.4010, -58.8647, -19.6457
Hunter-Lab	50.6484, -30.5352, 30.6747

Details

The XYZ color **16.4854, 25.6526, 4.0826** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.5215, 3.2039, 30.7953**, and the grayscale version is **17.8407, 18.7698, 20.4403**.

A 20% lighter version of the original color is **37.0747, 52.8282, 14.2041**, and **5.6658, 9.9742, 1.6266** is the 20% darker color. If you saturate the color by 10%, you get **16.4854, 25.6534, 4.0827**, and if you desaturate by 10%, it is **17.2046, 26.0139, 4.5820**.

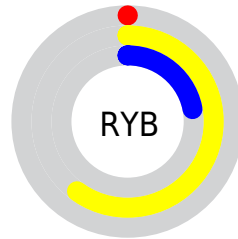
Distribution



Red (38%)

Green (60%)

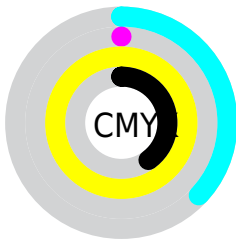
Blue (0%)



Red (0%)

Yellow (60%)

Blue (22%)

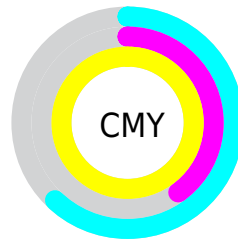


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (62%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.4854, 25.6526, 4.0826 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 16.4854, 25.6526, 4.0826 by changing the saturation by 10% instead.


 16.4854, 25.6526,
4.0826


 16.4854, 25.6526,
4.0826


225.4037,
281.0725, 149.1391


 9.9613, 16.5639,
1.6708


 36.9895, 52.7140,
14.1998


 5.4354, 9.9241,
0.3406


 51.7003, 71.4555,
22.7423


 2.5423, 5.3486,
0.0000

 69.8706, 94.1833,
34.1654

 0.9166, 2.4532,
0.0000

 91.8659, 121.2820,
48.8876


 0.0000, 0.8531,
0.0000


 118.0515,
153.1359, 67.3276


 0.0000, 0.0000,
0.0000


 148.7928,


190.1293, 89.9038


 184.4550,
232.6467, 117.0348


 16.4854, 25.6526,
4.0826


 16.4854, 25.6526,
4.0826


 16.4854, 25.6534,
4.0827

 17.2046, 26.0139,
4.5820

 18.0343, 26.4237,
5.4333

 19.0063, 26.8955,
6.7966

 20.1336, 27.4349,
8.7366

 21.4275, 28.0464,
11.3082

■ 22.8980, 28.7340,
14.5601

■ 24.5542, 29.5015,
18.5363

■ 26.4046, 30.3524,
23.2769

■ 28.4568, 31.2898,
28.8192

Harmonies

Analogous

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



23.5667, 25.6526, 2.3355



16.4854, 25.6526, 4.0826



12.4571, 25.6526, 11.4588

Triad

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



16.4854, 25.6526, 4.0826



17.6102, 25.6526, 94.5359



44.8302, 25.6526, 25.6358

Complementary

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



16.4854, 25.6526, 4.0826



7.5215, 3.2039, 30.7953

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.



42.1919, 25.6526, 55.4688



16.4854, 25.6526, 4.0826



25.2159, 25.6526, 106.5941

Square

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



16.4854, 25.6526, 4.0826



12.9915, 25.6526, 62.1851



34.4670, 25.6526, 89.3119



41.0146, 25.6526, 9.3457

Rectangle

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



16.4854, 25.6526, 4.0826



11.4100, 25.6526, 22.4695



34.4670, 25.6526, 89.3119



44.6699, 25.6526, 34.2134

Sweetspot

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



16.4860, 25.6537, 4.0832



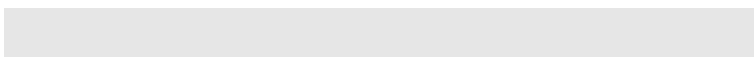
44.4091, 53.5000, 33.1911



14.7645, 9.7451, 1.1032



9.7768, 11.9823, 6.8412



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.



16.4860, 25.6537, 4.0832



29.7259, 46.4861, 7.4060



11.8559, 23.2669, 3.8665



6.4871, 7.1086, 6.6360



13.4707, 20.9203, 3.3280



0.2413, 0.3333, 0.0516

Inverse Universe

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



7.5215, 3.2039, 30.7953



13.4639, 5.7169, 55.9301



15.5806, 7.3585, 31.1725



6.0897, 6.1321, 7.7916



6.1640, 2.6287, 25.0902



0.1301, 0.0589, 0.3769

Previews

White Background



This preview shows how the XYZ color 16.4854, 25.6526, 4.0826 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 16.4854, 25.6526, 4.0826 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 16.4854, 25.6526, 4.0826

Background



This preview shows how black text looks on a background with the XYZ color 16.4854, 25.6526, 4.0826.



This preview shows how white text looks on a background with the XYZ color 16.4854, 25.6526,

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

16.4854, 25.6526, 4.0826

Protanopia

22.7988, 25.2449, 3.6711

Deuteranopia

25.8062, 25.3250, 4.7564



Tritanopia

22.5489, 25.5222, 34.7482

Trichromacy



Original Color

16.4854, 25.6526, 4.0826

Protanomaly

19.9649, 25.0974, 3.7920

Deuteranomaly

21.2042, 24.6232, 4.2513

Tritanomaly

18.7493, 24.8941, 15.6212

Monochromacy



Original Color

16.4854, 25.6526, 4.0826

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.1113, 20.4038, 9.9267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4854, 25.6526, 4.0826 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, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 154, 0)  
}
```

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, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 154, 0) }
```

Border

The CSS property to change the border of an element to XYZ 16.4854, 25.6526, 4.0826 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, 154, 0) }
```


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

```
.border{ border-color:rgb(97, 154, 0) }
```

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

Here you see how a box with a 4 pixel rgb(97, 154, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(97, 154, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.4854, 25.6526, 4.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 154, 0) }
```

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

```
.background{ background-color: rgb(97, 154,  
0) }
```

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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