

Converting Colors

XYZ(19.3524, 26.6066, 16.8190)

Have a look what the booklet for
XYZ(19.3524, 26.6066, 16.8190)
contains.

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Color

**XYZ(19.4329, 26.6453,
16.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	679967
RGB	103, 153, 103
RGB Percent	40%, 60%, 40%
CMY	0.5961, 0.4000, 0.5961
CMYK	0.33, 0.00, 0.33, 0.40
HSL	120°, 20%, 50%
HSV	120°, 33%, 60%
XYZ	19.4329, 26.6453, 16.9508
YIQ	132.3500, -13.7500, -26.1500

Conversions

Conversions Part 2

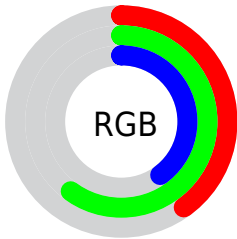
Format	Color
R_{YB}	103, 153, 153
Decimal	6789479
CIE _{Lab}	58.64, -27.19, 21.11
CIE _{LCh}	59, 34.418, 142.175
Yxy	26.6453, 0.3083, 0.4227
Android (android.graphics.Color)	4284979559 (0xFF679967)
YUV	132.3500, -14.4695, -25.7399
Hunter-Lab	51.6191, -23.1340, 16.6636

Details

The XYZ color **19.4329, 26.6453, 16.9508** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.7377, 18.7732, 32.5104**, and the grayscale version is **22.1133, 23.2649, 25.3355**.

A 20% lighter version of the original color is **42.0989, 54.5128, 38.8750**, and **6.9092, 10.5355, 5.2838** is the 20% darker color. If you saturate the color by 10%, you get **17.1370, 25.5433, 13.1950**, and if you desaturate by 10%, it is **22.1919, 27.9714, 21.4630**.

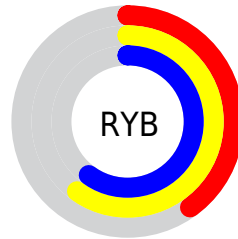
Distribution



Red (40%)

Green (60%)

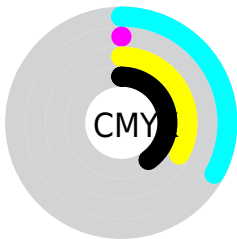
Blue (40%)



Red (40%)

Yellow (60%)

Blue (60%)

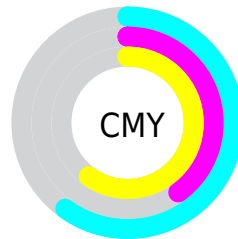


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4329, 26.6453, 16.9508 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 19.4329, 26.6453, 16.9508 by changing the saturation by 10% instead.

■ 19.4329, 26.6453,
16.9508

■ 19.4329, 26.6453,
16.9508

241.7208,
285.9356, 246.9230

■ 12.0894, 17.3070,
10.0378

■ 41.9756, 54.3142,
39.0307

■ 6.8772, 10.4536,
5.3181

■ 57.9054, 73.4135,
55.0346

■ 3.4311, 5.7007,
2.3731

■ 77.4280, 96.5354,
74.9060

■ 1.3856, 2.6640,
0.7717

■ 100.9088,
124.0641, 99.0633

■ 0.2459, 0.9589,
0.0000

128.7132,
156.3841, 127.9252

■ 0.0000, 0.0000,
0.0000

161.2064,

193.8797, 161.9100

198.7538,
236.9354, 201.4365

■ 19.4329, 26.6453,
16.9508

■ 19.4329, 26.6453,
16.9508

■ 17.1370, 25.5433,
13.1950

■ 22.1919, 27.9714,
21.4630

■ 15.2770, 24.6498,
10.1525

■ 25.4351, 29.5293,
26.7679

■ 13.8258, 23.9527,
7.7789

■ 29.1851, 31.3306,
32.9017

■ 12.7528, 23.4373,
6.0236

■ 33.4623, 33.3851,
39.8977

■ 12.0227, 23.0866,
4.8294

■ 38.2859, 35.7022,
47.7875

■ 11.5940, 22.8807,
4.1281

■ 43.6743, 38.2905,
56.6010

■ 11.3918, 22.7835,
3.7974

■ 49.6448, 41.1584,
66.3667

■ 56.2143, 44.3141,
77.1121

■ 63.3988, 47.7652,
88.8634

Harmonies

Analogous

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



22.3801, 26.6453, 12.3547



19.4329, 26.6453, 16.9508



18.0969, 26.6453, 25.9571

Triad

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



19.4329, 26.6453, 16.9508



24.2350, 26.6453, 58.7214



33.6222, 26.6453, 21.0837

Complementary

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



19.4329, 26.6453, 16.9508



23.7377, 18.7732, 32.5104

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.



34.2609, 26.6453, 32.2981



19.4329, 26.6453, 16.9508



28.5187, 26.6453, 56.3462

Square

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



19.4329, 26.6453, 16.9508



20.6611, 26.6453, 51.5555



32.3031, 26.6453, 45.7558



30.6439, 26.6453, 14.2367

Rectangle

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



19.4329, 26.6453, 16.9508



18.1826, 26.6453, 34.2032



32.3031, 26.6453, 45.7558



34.1300, 26.6453, 24.3749

Sweetspot

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



19.4336, 26.6464, 16.9514



47.1309, 53.6408, 50.5230



26.9775, 30.5354, 17.3041



10.2249, 11.7569, 10.8582



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.



19.4336, 26.6464, 16.9514



31.8033, 46.2782, 25.4521



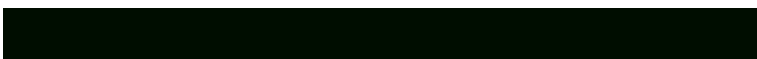
20.8817, 27.2257, 24.5772



6.1322, 6.9256, 6.6194



9.4147, 18.8293, 3.1383



0.1408, 0.2815, 0.0469

Inverse Universe

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



23.7377, 18.7732, 32.5104



40.7011, 30.0021, 57.6166



21.8842, 18.0317, 22.7498



6.4612, 6.3237, 7.8090



15.6092, 7.4979, 25.5309



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 19.4329, 26.6453, 16.9508 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 19.4329, 26.6453, 16.9508 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 19.4329, 26.6453, 16.9508

Background



This preview shows how black text looks on a background with the XYZ color 19.4329, 26.6453, 16.9508.



This preview shows how white text looks on a background with the XYZ color 19.4329, 26.6453,

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

19.4329, 26.6453, 16.9508

Protanopia

24.5316, 26.3134, 15.3413

Deuteranopia

26.8349, 26.3888, 17.5891



Tritanopia

23.2605, 26.5371, 36.2440

Trichromacy



Original Color

19.4329, 26.6453, 16.9508

Protanomaly

22.2572, 26.2392, 15.9482

Deuteranomaly

23.4298, 26.1374, 17.4458

Tritanomaly

21.6416, 26.5811, 28.0348

Monochromacy



Original Color

19.4329, 26.6453, 16.9508

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.7144, 24.2016, 21.6688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4329, 26.6453, 16.9508 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(103, 153, 103)` looks like.

```
.text, #text, p{  
    color:rgb(103, 153, 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(103, 153, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 153, 103) }
```

Border

The CSS property to change the border of an element to XYZ 19.4329, 26.6453, 16.9508 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(103, 153, 103) }
```


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

```
.border{ border-color:rgb(103, 153, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 153, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 153, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 153, 103);  
box-shadow:4px 4px 4px 4px rgb(103, 153,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4329, 26.6453, 16.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 153, 103) }
```

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

```
.background{ background-color: rgb(103,  
153, 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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