

Converting Colors

XYZ(19.5236, 26.4762, 4.8405)

Have a look what the booklet for
XYZ(19.5236, 26.4762, 4.8405)
contains.

XYZ(19.5236, 26.4762, 4.8405)	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(19.5236, 26.4762,
4.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9716
RGB	124, 151, 22
RGB Percent	49%, 59%, 9%
CMY	0.5137, 0.4078, 0.9137
CMYK	0.18, 0.00, 0.85, 0.41
HSL	73°, 75%, 34%
HSV	73°, 85%, 59%
XYZ	19.5236, 26.4762, 4.8405
YIQ	128.2210, 25.3170, -45.8430

Conversions

Conversions Part 2

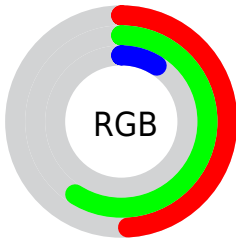
Format	Color
R_{YB}	22, 151, 49
Decimal	8165142
CIE Lab	58.49, -26.05, 57.57
CIE LCh	58, 63.192, 114.342
Yxy	26.4762, 0.3840, 0.5208
Android (android.graphics.Color)	4286355222 (0xFF7C9716)
YUV	128.2210, -52.3670, -3.7018
Hunter-Lab	51.4550, -22.3180, 30.4410

Details

The XYZ color **19.5236, 26.4762, 4.8405** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.1404, 3.4619, 29.5716**, and the grayscale version is **20.7656, 21.8470, 23.7914**.

A 20% lighter version of the original color is **42.1389, 53.9600, 15.9790**, and **7.0830, 10.4164, 1.6373** is the 20% darker color. If you saturate the color by 10%, you get **18.9676, 26.2028, 4.2563**, and if you desaturate by 10%, it is **20.1792, 26.7930, 5.8672**.

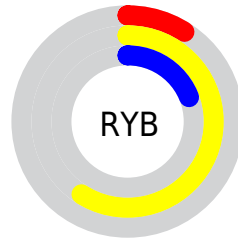
Distribution



Red (49%)

Green (59%)

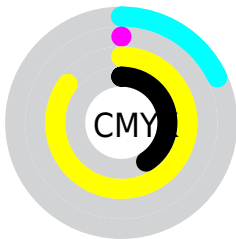
Blue (9%)



Red (9%)

Yellow (59%)

Blue (19%)

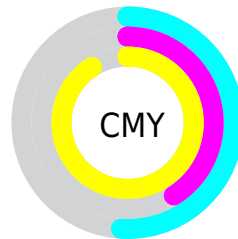


Cyan (18%)

Magenta (0%)

Yellow (85%)

Black (41%)



Cyan (51%)

Magenta (41%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5236, 26.4762, 4.8405 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 19.5236, 26.4762, 4.8405 by changing the saturation by 10% instead.

■ 19.5236, 26.4762,
4.8405

■ 19.5236, 26.4762,
4.8405

242.2073,
285.1119, 157.1538

■ 12.1555, 17.1802,
2.0969

■ 42.1271, 54.0422,
15.9060

■ 6.9226, 10.3631,
0.6139

■ 58.0931, 73.0810,
25.0650

■ 3.4596, 5.6403,
0.0000

■ 77.6559, 96.1362,
37.1994

■ 1.4012, 2.6276,
0.0000

■ 101.1806,
123.5922, 52.7280

■ 0.2571, 0.9406,
0.0000

■ 129.0328,
155.8333, 72.0692

■ 0.0000, 0.0000,
0.0000

■ 161.5778,

193.2441, 95.6415

199.1808,
236.2088, 123.8635

19.5236, 26.4762,
4.8405

19.5236, 26.4762,
4.8405

18.9676, 26.2028,
4.2563

20.1792, 26.7930,
5.8672

18.7289, 26.0842,
4.0476

20.9471, 27.1555,
7.4110

21.8389, 27.5693,
9.5293

22.8641, 28.0382,
12.2713

24.0311, 28.5655,
15.6813

■ 25.3478, 29.1545,
19.7993

■ 26.8211, 29.8079,
24.6621

■ 28.4579, 30.5285,
30.3041

■ 30.2643, 31.3188,
36.7576

Harmonies

Analogous

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



26.6584, 26.4762, 3.8317



19.5236, 26.4762, 4.8405



14.9195, 26.4762, 10.4562

Triad

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



19.5236, 26.4762, 4.8405



17.4587, 26.4762, 79.0709



43.0368, 26.4762, 33.2304

Complementary

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



19.5236, 26.4762, 4.8405



7.1404, 3.4619, 29.5716

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.



39.2717, 26.4762, 61.4316



19.5236, 26.4762, 4.8405



23.7281, 26.4762, 95.2968

Square

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



19.5236, 26.4762, 4.8405



13.9093, 26.4762, 50.1668



31.7998, 26.4762, 87.5799



41.2758, 26.4762, 14.6045

Rectangle

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



19.5236, 26.4762, 4.8405



13.3974, 26.4762, 18.8005



31.7998, 26.4762, 87.5799



42.3554, 26.4762, 41.9063

Sweetspot

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



19.5242, 26.4774, 4.8411



45.1208, 52.0885, 34.5851



13.9571, 8.7358, 1.7100



10.0808, 11.7611, 7.3075



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.



19.5242, 26.4774, 4.8411



33.3838, 46.6309, 7.2411



13.1185, 23.1751, 4.5413



6.5823, 7.1576, 6.6405



15.9564, 22.2017, 3.4444



0.2669, 0.3466, 0.0528

Inverse Universe

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



7.1404, 3.4619, 29.5716



10.9223, 4.4750, 52.7218



12.5942, 6.2734, 29.8268



5.9993, 6.0855, 7.7874



5.2690, 2.1673, 25.0483



0.1045, 0.0456, 0.3757

Previews

White Background



This preview shows how the XYZ color 19.5236, 26.4762, 4.8405 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 19.5236, 26.4762, 4.8405 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 19.5236, 26.4762, 4.8405

Background



This preview shows how black text looks on a background with the XYZ color 19.5236, 26.4762, 4.8405.



This preview shows how white text looks on a background with the XYZ color 19.5236, 26.4762,

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

19.5236, 26.4762, 4.8405

Protanopia

23.7430, 26.3659, 4.4538

Deuteranopia

26.8077, 26.2377, 5.1648



Tritanopia

25.1989, 26.2574, 33.4458

Trichromacy



Original Color

19.5236, 26.4762, 4.8405

Protanomaly

22.1057, 26.4123, 4.5948

Deuteranomaly

23.7130, 26.1190, 5.0200

Tritanomaly

22.0388, 25.8720, 17.1968

Monochromacy



Original Color

19.5236, 26.4762, 4.8405

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.3597, 22.8416, 12.8397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5236, 26.4762, 4.8405 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(124, 151, 22)` looks like.

```
.text, #text, p{  
    color:rgb(124, 151, 22)  
}
```

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(124, 151, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 151, 22) }
```

Border

The CSS property to change the border of an element to XYZ 19.5236, 26.4762, 4.8405 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(124, 151, 22) }
```


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

```
.border{ border-color:rgb(124, 151, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 151, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 151, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 151, 22);  
box-shadow:4px 4px 4px 4px rgb(124, 151,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5236, 26.4762, 4.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 151, 22) }
```

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

```
.background{ background-color: rgb(124,  
151, 22) }
```

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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