

Converting Colors

XYZ(19.5377, 26.9626, 4.5888)

Have a look what the booklet for
XYZ(19.5377, 26.9626, 4.5888)
contains.

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Color

**XYZ(19.4965, 26.9517,
4.5901)**

Conversions

Conversions Part 1

Format	Color
Hex	7A990E
RGB	122, 153, 14
RGB Percent	48%, 60%, 5%
CMY	0.5216, 0.4000, 0.9451
CMYK	0.20, 0.00, 0.91, 0.40
HSL	73°, 83%, 33%
HSV	73°, 91%, 60%
XYZ	19.4965, 26.9517, 4.5901
YIQ	127.8850, 26.1430, -49.8010

Conversions

Conversions Part 2

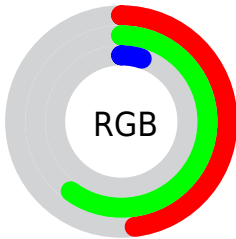
Format	Color
RYB	14, 153, 45
Decimal	8034574
CIELab	58.93, -28.09, 59.58
CIElCh	59, 65.874, 115.245
Yxy	26.9517, 0.3820, 0.5281
Android (android.graphics.Color)	4286224654 (0xFF7A990E)
YUV	127.8850, -56.1453, -5.1611
Hunter-Lab	51.9150, -23.8163, 31.0984

Details

The XYZ color **19.4965, 26.9517, 4.5901** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.9901, 3.1726, 30.3825**, and the grayscale version is **20.6611, 21.7371, 23.6716**.

A 20% lighter version of the original color is **42.0125, 54.6264, 15.3508**, and **7.1353, 10.7317, 1.6954** is the 20% darker color. If you saturate the color by 10%, you get **18.9823, 26.6967, 4.1525**, and if you desaturate by 10%, it is **20.1352, 27.2650, 5.3841**.

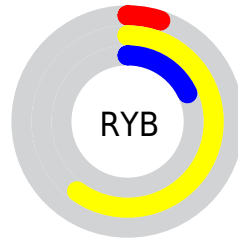
Distribution



Red (48%)

Green (60%)

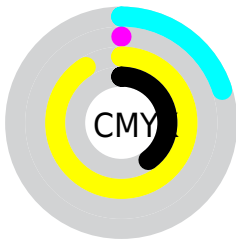
Blue (5%)



Red (5%)

Yellow (60%)

Blue (18%)

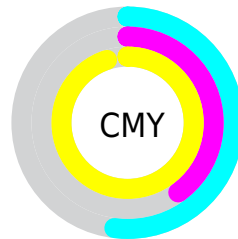


Cyan (20%)

Magenta (0%)

Yellow (91%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4965, 26.9517, 4.5901 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 19.4965, 26.9517, 4.5901 by changing the saturation by 10% instead.

■ 19.4965, 26.9517,
4.5901

■ 19.4965, 26.9517,
4.5901

242.0620,
287.4232, 154.5744

■ 12.1357, 17.5370,
1.9543

■ 42.0818, 54.8064,
15.3493

■ 6.9090, 10.6181,
0.5270

■ 58.0371, 74.0150,
24.3099

■ 3.4511, 5.8106,
0.0000

■ 77.5878, 97.2572,
36.2158

■ 1.3966, 2.7303,
0.0000

■ 101.0995,
124.9171, 51.4856

■ 0.2538, 0.9926,
0.0000

■ 128.9374,
157.3793, 70.5378

■ 0.0000, 0.0000,
0.0000

■ 161.4669,

195.0281, 93.7910

199.0533,
238.2480, 121.6637

19.4965, 26.9517,
4.5901

19.4965, 26.9517,
4.5901

18.9823, 26.6967,
4.1525

20.1352, 27.2650,
5.3841

20.8848, 27.6236,
6.6747

21.7581, 28.0337,
8.5270

22.7659, 28.4996,
10.9958

23.9174, 29.0251,
14.1294

■ 25.2210, 29.6134,
17.9714

■ 26.6845, 30.2678,
22.5614

■ 28.3150, 30.9911,
27.9365

■ 30.1192, 31.7860,
34.1309

Harmonies

Analogous

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



26.9383, 26.9517, 3.4918



19.4965, 26.9517, 4.5901



14.7762, 26.9517, 10.4730

Triad

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



19.4965, 26.9517, 4.5901



17.6799, 26.9517, 83.8361



44.6274, 26.9517, 33.2268

Complementary

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



19.4965, 26.9517, 4.5901



6.9901, 3.1726, 30.3825

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.



40.7734, 26.9517, 63.0961



19.4965, 26.9517, 4.5901



24.3392, 26.9517, 100.6645

Square

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



19.4965, 26.9517, 4.5901



13.8940, 26.9517, 52.9561



32.9001, 26.9517, 91.5541



42.5705, 26.9517, 14.0623

Rectangle

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



19.4965, 26.9517, 4.5901



13.2523, 26.9517, 19.3332



32.9001, 26.9517, 91.5541



43.9604, 26.9517, 42.3281

Sweetspot

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



19.4971, 26.9529, 4.5907



46.0006, 53.4061, 34.7517



14.1223, 8.6151, 1.3344



9.9854, 11.7154, 7.1442



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.



19.4971, 26.9529, 4.5907



33.8285, 47.7233, 7.4286



12.9601, 23.5829, 4.2847



6.5741, 7.1534, 6.6401



15.7171, 22.0783, 3.4332



0.2647, 0.3454, 0.0527

Inverse Universe

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



6.9901, 3.1726, 30.3825



11.3517, 4.6625, 54.2736



12.7976, 6.1665, 30.6543



6.0070, 6.0895, 7.7878



5.3258, 2.1966, 25.0510



0.1066, 0.0468, 0.3758

Previews

White Background



This preview shows how the XYZ color 19.4965, 26.9517, 4.5901 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 19.4965, 26.9517, 4.5901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

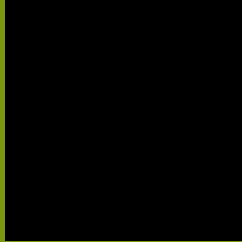
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.4965, 26.9517, 4.5901

Background



This preview shows how black text looks on a background with the XYZ color 19.4965, 26.9517, 4.5901.



This preview shows how white text looks on a background with the XYZ color 19.4965, 26.9517,

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

19.4965, 26.9517, 4.5901

Protanopia

24.2140, 26.8371, 4.1336

Deuteranopia

27.1195, 26.6089, 4.9350



Tritanopia

25.4974, 26.8300, 34.4067

Trichromacy



Original Color

19.4965, 26.9517, 4.5901

Protanomaly

22.1877, 26.6907, 4.2696

Deuteranomaly

23.7903, 26.3848, 4.7030

Tritanomaly

21.9330, 26.2829, 16.7491

Monochromacy



Original Color

19.4965, 26.9517, 4.5901

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.2701, 23.0151, 12.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4965, 26.9517, 4.5901 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(122, 153, 14)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 14)  
}
```

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(122, 153, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 14) }
```

Border

The CSS property to change the border of an element to XYZ 19.4965, 26.9517, 4.5901 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(122, 153, 14) }
```


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

```
.border{ border-color:rgb(122, 153, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 14);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4965, 26.9517, 4.5901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 14) }
```

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

```
.background{ background-color: rgb(122,  
153, 14) }
```

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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