

Converting Colors

XYZ(11.7521, 23.2141, 3.8614)

Have a look what the booklet for
XYZ(11.7521, 23.2141, 3.8614)
contains.

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Color

**XYZ(11.7526, 23.2128,
3.8611)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9A00
RGB	15, 154, 0
RGB Percent	6%, 60%, 0%
CMY	0.9412, 0.3961, 0.9999
CMYK	0.90, 0.00, 1.00, 0.40
HSL	114°, 100%, 30%
HSV	114°, 100%, 60%
XYZ	11.7526, 23.2128, 3.8611
YIQ	94.8830, -33.4100, -77.3620

Conversions

Conversions Part 2

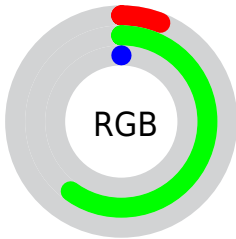
Format	Color
RYB	0, 154, 139
Decimal	1022464
CIELab	55.29, -58.19, 57.21
CIELCh	55, 81.602, 135.488
Yxy	23.2128, 0.3027, 0.5979
Android (android.graphics.Color)	4279212544 (0xFF0F9A00)
YUV	94.8830, -46.7773, -70.0574
Hunter-Lab	48.1797, -40.7724, 28.9743

Details

The XYZ color **11.7526, 23.2128, 3.8611** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **16.4836, 7.8240, 31.2146**, and the grayscale version is **10.9641, 11.5351, 12.5617**.

A 20% lighter version of the original color is **28.7682, 48.9151, 13.7197**, and **4.6537, 9.3074, 1.5512** is the 20% darker color. If you saturate the color by 10%, you get **11.7529, 23.2136, 3.8612**, and if you desaturate by 10%, it is **12.1492, 23.4076, 4.3453**.

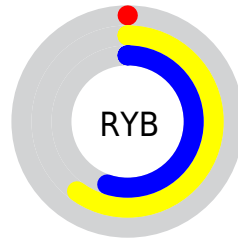
Distribution



Red (6%)

Green (60%)

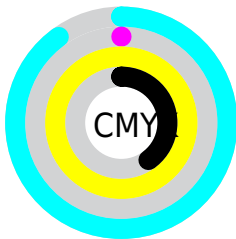
Blue (0%)



Red (0%)

Yellow (60%)

Blue (55%)

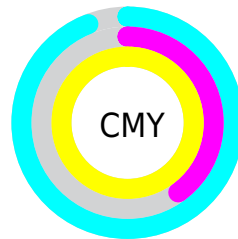


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (94%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7526, 23.2128, 3.8611 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 11.7526, 23.2128, 3.8611 by changing the saturation by 10% instead.

■ 11.7526, 23.2128,
3.8611

■ 11.7526, 23.2128,
3.8611

196.5640,
268.8161, 146.6688

■ 6.6464, 14.7507,
1.5495

■ 28.6645, 48.7425,
13.6881

■ 3.2863, 8.6446,
0.2544

■ 41.2009, 66.5789,
22.0406

■ 1.3069, 4.5101,
0.0000

■ 56.9449, 88.3089,
33.2437

■ 0.1884, 1.9628,
0.0000

■ 76.2616, 114.3168,
47.7161

■ 0.0000, 0.5857,
0.0000


■ 99.5166, 144.9871,
65.8763


■ 0.0000, 0.0000,
0.0000


■ 127.0750,


180.7042, 88.1427


 159.3024,
221.8524, 114.9341


 11.7526, 23.2128,
3.8611


 11.7526, 23.2128,
3.8611

 11.7529, 23.2136,
3.8612

 12.1492, 23.4076,
4.3453

 12.7889, 23.7195,
5.1877

 13.7239, 24.1723,
6.5493

 14.9847, 24.7805,
8.4954

 16.5978, 25.5565,
11.0819

■ 18.5872, 26.5116,
14.3581

■ 20.9746, 27.6561,
18.3685

■ 23.7801, 28.9994,
23.1537

■ 27.0225, 30.5503,
28.7517

Harmonies

Analogous

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



17.6943, 23.2128, 1.1814



11.7526, 23.2128, 3.8611



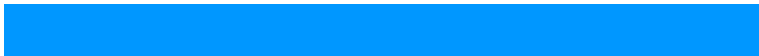
9.0466, 23.2128, 14.6429

Triad

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



11.7526, 23.2128, 3.8611



17.9452, 23.2128, 112.0395



43.7064, 23.2128, 14.0746

Complementary

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



11.7526, 23.2128, 3.8611



16.4836, 7.8240, 31.2146

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.



43.8288, 23.2128, 40.1036



11.7526, 23.2128, 3.8611



27.0975, 23.2128, 111.4415

Square

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



11.7526, 23.2128, 3.8611



11.8923, 23.2128, 80.8485



37.1208, 23.2128, 79.5388



36.8220, 23.2128, 3.6904

Rectangle

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



11.7526, 23.2128, 3.8611



8.7841, 23.2128, 30.4014



37.1208, 23.2128, 79.5388



44.5920, 23.2128, 20.7596

Sweetspot

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



11.7531, 23.2138, 3.8616



37.8145, 50.1004, 32.8825



22.5025, 25.2211, 3.6825



8.1575, 11.1475, 6.7654



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.



11.7531, 23.2138, 3.8616



21.2722, 42.1280, 7.0104



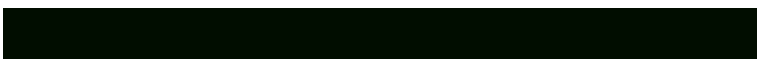
12.4151, 23.4558, 8.3745



6.1852, 6.9529, 6.6219



9.5903, 18.9199, 3.1464



0.1563, 0.2895, 0.0476

Inverse Universe

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



16.4836, 7.8240, 31.2146



29.8508, 14.1647, 56.6970



15.2767, 7.6504, 10.8902



6.4020, 6.2931, 7.8062



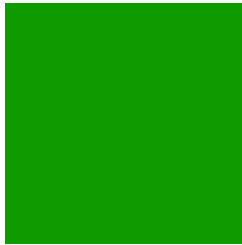
13.4453, 6.3824, 25.4310



0.2159, 0.1031, 0.3809

Previews

White Background



This preview shows how the XYZ color 11.7526, 23.2128, 3.8611 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

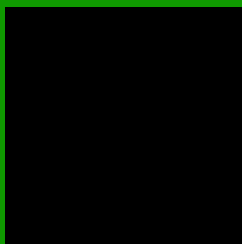
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.7526, 23.2128, 3.8611

Background



This preview shows how black text looks on a background with the XYZ color 11.7526, 23.2128, 3.8611.



This preview shows how white text looks on a background with the XYZ color 11.7526, 23.2128,

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

11.7526, 23.2128, 3.8611

Protanopia

20.4640, 22.7984, 3.3220

Deuteranopia

23.1252, 22.7764, 4.6163



Tritanopia

17.9856, 23.1697, 34.5346

Trichromacy



Original Color

11.7526, 23.2128, 3.8611



Protanomaly

14.6336, 21.4655, 3.3720



Deuteranomaly

15.3699, 20.9775, 3.9484



Tritanomaly

13.8581, 22.3726, 15.3923

Monochromacy



Original Color

11.7526, 23.2128, 3.8611



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

9.3078, 13.9753, 6.4819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7526, 23.2128, 3.8611 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(15, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(15, 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(15, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 154, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.7526, 23.2128, 3.8611 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(15, 154, 0) }
```


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

```
.border{ border-color:rgb(15, 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(15, 154, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(15, 154, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.7526, 23.2128, 3.8611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 154, 0) }
```

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

```
.background{ background-color: rgb(15, 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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