

Converting Colors

XYZ(15.9492, 11.1113, 1.7827)

Have a look what the booklet for
XYZ(15.9492, 11.1113, 1.7827)
contains.

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Color

**XYZ(15.9464, 11.1019,
1.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	9D4210
RGB	157, 66, 16
RGB Percent	62%, 26%, 6%
CMY	0.3843, 0.7412, 0.9372
CMYK	0.00, 0.58, 0.90, 0.38
HSL	21°, 82%, 34%
HSV	21°, 90%, 62%
XYZ	15.9464, 11.1019, 1.7926
YIQ	87.5090, 70.2860, 3.7420

Conversions

Conversions Part 2

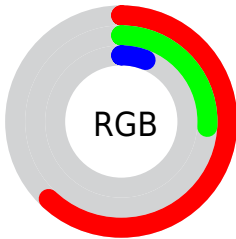
Format	Color
R_{YB}	157, 93, 16
Decimal	10306064
CIE _{Lab}	39.75, 35.46, 45.24
CIE _{LCh}	40, 57.485, 51.913
Yxy	11.1019, 0.5529, 0.3849
Android (android.graphics.Color)	4288496144 (0xFF9D4210)
YUV	87.5090, -35.2539, 60.9436
Hunter-Lab	33.3195, 27.1192, 20.1338

Details

The XYZ color **15.9464, 11.1019, 1.7926** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.5568, 13.0590, 33.8097**, and the grayscale version is **9.2328, 9.7136, 10.5781**.

A 20% lighter version of the original color is **36.2289, 28.0097, 8.4980**, and **5.2078, 2.9383, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **15.3143, 9.9848, 1.1288**, and if you desaturate by 10%, it is **16.7552, 12.4586, 2.8670**.

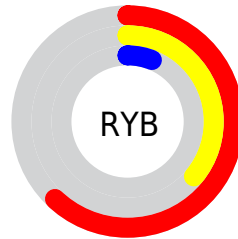
Distribution



Red (62%)

Green (26%)

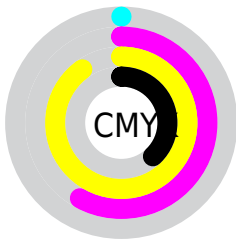
Blue (6%)



Red (62%)

Yellow (36%)

Blue (6%)

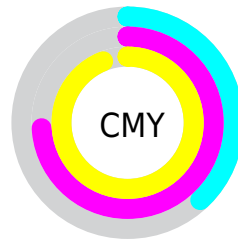


Cyan (0%)

Magenta (58%)

Yellow (90%)

Black (38%)



Cyan (38%)


Magenta (74%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9464, 11.1019, 1.7926 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 15.9464, 11.1019, 1.7926 by changing the saturation by 10% instead.


 15.9464, 11.1019,
1.7926


 15.9464, 11.1019,
1.7926


222.3018,
198.3653, 119.0683


 9.5768, 6.1354,
0.4231


 36.0633, 27.8484,
8.4656


 5.1794, 2.9276,
0.0000

 50.5414, 40.3973,
14.7011


 2.3887, 1.0940,
0.0000

 68.4530, 56.2424,
23.4274

 0.8395, 0.0000,
0.0000


 90.1636, 75.7681,
35.0629


 0.0000, 0.0000,
0.0000


 116.0383, 99.3589,
50.0262


 146.4428,


127.3991, 68.7358


 181.7421,
160.2731, 91.6104


 15.9464, 11.1019,
1.7926


 15.9464, 11.1019,
1.7926


 15.3143, 9.9848,
1.1288


 16.7552, 12.4586,
2.8670

 15.3032, 9.9654,
1.1169

 17.7752, 14.0752,
4.5119

 19.0242, 15.9673,
6.7968

 20.5178, 18.1481,
9.7808

 22.2700, 20.6301,
13.5162

■ 24.2933, 23.4248,
18.0504

■ 26.5998, 26.5433,
23.4267

■ 29.2006, 29.9959,
29.6852

■ 32.1060, 33.7924,
36.8637

Harmonies

Analogous

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



19.2519, 11.1019, 5.6665



15.9464, 11.1019, 1.7926



11.6536, 11.1019, 0.8127

Triad

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



15.9464, 11.1019, 1.7926



4.6902, 11.1019, 9.2866



13.6378, 11.1019, 45.4361

Complementary

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



15.9464, 11.1019, 1.7926



11.5568, 13.0590, 33.8097

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.



9.5222, 11.1019, 48.7813



15.9464, 11.1019, 1.7926



4.9704, 11.1019, 22.1222

Square

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



15.9464, 11.1019, 1.7926



5.6436, 11.1019, 3.0384



6.5362, 11.1019, 38.4523



17.7047, 11.1019, 31.0080

Rectangle

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



15.9464, 11.1019, 1.7926



9.0648, 11.1019, 0.8593



6.5362, 11.1019, 38.4523



12.1936, 11.1019, 48.1469

Sweetspot

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



15.9466, 11.1025, 1.7928



44.4068, 43.1778, 34.3940



16.7781, 8.6140, 14.8683



9.5025, 9.1342, 6.9512



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.



15.9466, 11.1025, 1.7928



27.2417, 17.5171, 1.9453



22.7812, 24.7716, 4.0710



6.8159, 7.0119, 6.9799



12.4614, 8.1584, 0.9179



0.2608, 0.2219, 0.0291

Inverse Universe

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



11.5568, 13.0590, 33.8097



19.1034, 20.7683, 60.1286



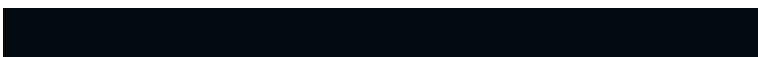
6.9658, 3.8770, 32.2794



6.6237, 7.1132, 8.4306



8.7836, 9.6587, 27.3086



0.1956, 0.2497, 0.5011

Previews

White Background



This preview shows how the XYZ color 15.9464, 11.1019, 1.7926 looks on a white 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

Black Background



This preview shows how the XYZ color 15.9464, 11.1019, 1.7926 looks on a black 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

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

XYZ 15.9464, 11.1019, 1.7926

Background



This preview shows how black text looks on a background with the XYZ color 15.9464, 11.1019, 1.7926.



This preview shows how white text looks on a background with the XYZ color 15.9464, 11.1019,

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

15.9464, 11.1019, 1.7926

Protanopia

10.1907, 11.3105, 2.4566

Deuteranopia

11.2639, 11.2343, 1.5748



Tritanopia

16.9748, 11.1978, 6.2678

Trichromacy



Original Color

15.9464, 11.1019, 1.7926

Protanomaly

11.7540, 10.7511, 2.1175

Deuteranomaly

12.6482, 10.8846, 1.6066

Tritanomaly

16.3911, 11.0294, 3.9543

Monochromacy



Original Color

15.9464, 11.1019, 1.7926

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.5482, 9.5958, 5.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9464, 11.1019, 1.7926 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(157, 66, 16)` looks like.

```
.text, #text, p{  
    color:rgb(157, 66, 16)  
}
```

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(157, 66, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 66, 16) }
```

Border

The CSS property to change the border of an element to XYZ 15.9464, 11.1019, 1.7926 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(157, 66, 16) }
```


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

```
.border{ border-color:rgb(157, 66, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 66, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 66, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 66, 16);  
box-shadow:4px 4px 4px 4px rgb(157, 66,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9464, 11.1019, 1.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 66, 16) }
```

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

```
.background{ background-color: rgb(157, 66,  
16) }
```

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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