

Converting Colors

XYZ(11.6063, 6.3587, 0.9085)

Have a look what the booklet for
XYZ(11.6063, 6.3587, 0.9085)
contains.

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Color

**XYZ(11.6326, 6.3619,
0.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	8F140A
RGB	143, 20, 10
RGB Percent	56%, 8%, 4%
CMY	0.4392, 0.9215, 0.9608
CMYK	0.00, 0.86, 0.93, 0.44
HSL	5°, 87%, 30%
HSV	5°, 93%, 56%
XYZ	11.6326, 6.3619, 0.9020
YIQ	55.6370, 76.5180, 22.9660

Conversions

Conversions Part 2

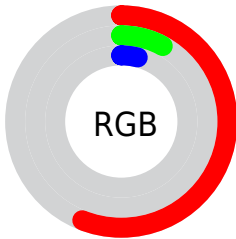
Format	Color
RYB	143, 21, 10
Decimal	9376778
CIELab	30.31, 48.64, 39.35
CIELCh	30, 62.569, 38.973
Yxy	6.3619, 0.6156, 0.3367
Android (android.graphics.Color)	4287566858 (0xFF8F140A)
YUV	55.6370, -22.4990, 76.6174
Hunter-Lab	25.2228, 38.1832, 15.5357

Details

The XYZ color **11.6326, 6.3619, 0.9020** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13.4684, 18.8185, 28.9087**, and the grayscale version is **3.7342, 3.9287, 4.2783**.

A 20% lighter version of the original color is **28.3158, 18.5620, 5.7048**, and **3.5673, 1.8390, 0.1669** is the 20% darker color. If you saturate the color by 10%, you get **11.4446, 6.0736, 0.5691**, and if you desaturate by 10%, it is **12.0460, 7.0077, 1.5983**.

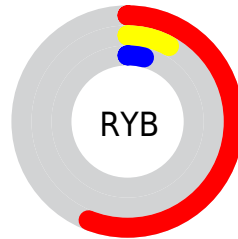
Distribution



Red (56%)

Green (8%)

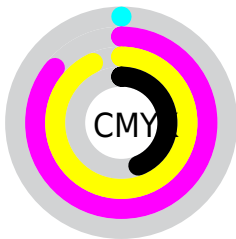
Blue (4%)



Red (56%)

Yellow (8%)

Blue (4%)

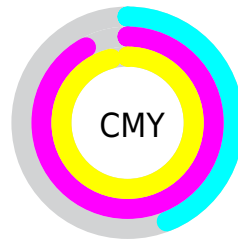


Cyan (0%)

Magenta (86%)

Yellow (93%)

Black (44%)



Cyan (44%)


Magenta (92%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.6326, 6.3619, 0.9020 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 11.6326, 6.3619, 0.9020 by changing the saturation by 10% instead.


 11.6326, 6.3619,
0.9020


 11.6326, 6.3619,
0.9020


 195.7776,
162.2511, 101.9479


 6.5644, 3.0664,
0.0000


 28.4469, 18.6775,
5.7351


 3.2351, 1.1665,
0.0000

 40.9237, 28.4664,
10.6717

 1.2793, 0.0341,
0.0000

 56.6008, 41.1884,
17.8467

 0.1676, 0.0000,
0.0000


 75.8435, 57.2281,
27.6787


 0.0000, 0.0000,
0.0000

 99.0172, 76.9699,
40.5863


 126.4872,


100.7980, 56.9880


 158.6189,
129.0969, 77.3024

 11.6326, 6.3619,
0.9020


 11.6326, 6.3619,
0.9020


 11.4446, 6.0736,
0.5691

 12.0460, 7.0077,
1.5983

 12.6822, 7.9736,
2.7555

 13.5672, 9.2944,
4.4350

 14.7231, 11.0001,
6.6889

 16.1697, 13.1176,
9.5628

■ 17.9250, 15.6712,
13.0980

■ 20.0054, 18.6835,
17.3321

■ 22.4262, 22.1754,
22.2997

■ 25.2017, 26.1667,
28.0334

Harmonies

Analogous

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



13.5823, 6.3619, 4.6848



11.6326, 6.3619, 0.9020



8.3252, 6.3619, 0.0000

Triad

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



11.6326, 6.3619, 0.9020



2.1406, 6.3619, 2.5727



6.9778, 6.3619, 38.6784

Complementary

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



11.6326, 6.3619, 0.9020



13.4684, 18.8185, 28.9087

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.



4.2273, 6.3619, 35.9588



11.6326, 6.3619, 0.9020



1.9896, 6.3619, 9.7902

Square

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



11.6326, 6.3619, 0.9020



3.1291, 6.3619, 0.2524



2.6158, 6.3619, 23.0480



10.3748, 6.3619, 28.8686

Rectangle

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



11.6326, 6.3619, 0.9020



6.1493, 6.3619, 0.0000



2.6158, 6.3619, 23.0480



5.9454, 6.3619, 39.3007

Sweetspot

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



11.6327, 6.3623, 0.9021



33.6729, 30.3433, 26.6466



15.7484, 7.7816, 23.2747



7.4014, 6.4937, 5.4598



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.6327, 6.3623, 0.9021



20.4434, 10.7724, 1.0018



14.6597, 12.4163, 1.9111



5.4395, 5.4853, 5.6614



10.1263, 5.3843, 0.5056



0.1020, 0.0619, 0.0066

Inverse Universe

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



13.4684, 18.8185, 28.9087



23.6568, 33.1073, 51.6815



7.1280, 6.1376, 26.7952



5.5260, 6.0478, 6.9049



11.7140, 16.4140, 25.5279



0.1187, 0.1703, 0.2463

Previews

White Background



This preview shows how the XYZ color 11.6326, 6.3619, 0.9020 looks on a white background.

Color Contrast Check

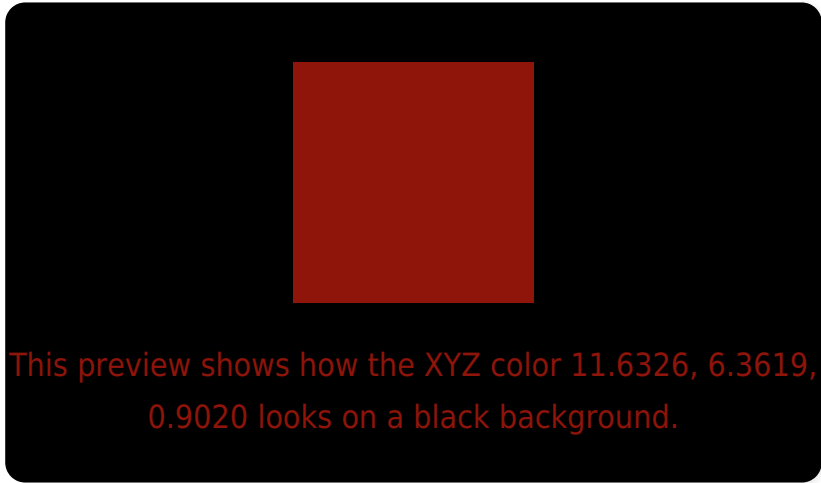
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

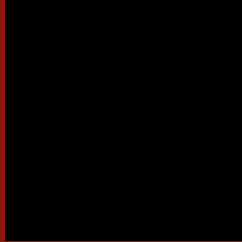
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6326, 6.3619, 0.9020

Background



This preview shows how black text looks on a background with the XYZ color 11.6326, 6.3619, 0.9020.



This preview shows how white text looks on a background with the XYZ color 11.6326, 6.3619,

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

11.6326, 6.3619, 0.9020

Protanopia

6.0733, 6.7493, 1.7417

Deuteranopia

6.7044, 6.7075, 0.9413



Tritanopia

11.6617, 6.3459, 1.1405

Trichromacy



Original Color

11.6326, 6.3619, 0.9020

Protanomaly

7.1373, 5.6251, 1.2818

Deuteranomaly

7.8055, 5.8443, 0.8315

Tritanomaly

11.6398, 6.3371, 1.0252

Monochromacy



Original Color

11.6326, 6.3619, 0.9020

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

5.2546, 3.9489, 2.4047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6326, 6.3619, 0.9020 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(143, 20, 10)` looks like.

```
.text, #text, p{  
    color:rgb(143, 20, 10)  
}
```

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(143, 20, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 20, 10) }
```

Border

The CSS property to change the border of an element to XYZ 11.6326, 6.3619, 0.9020 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(143, 20, 10) }
```


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

```
.border{ border-color:rgb(143, 20, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 20, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 20, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 20, 10);  
box-shadow:4px 4px 4px 4px rgb(143, 20,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6326, 6.3619, 0.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 20, 10) }
```

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

```
.background{ background-color: rgb(143, 20,  
10) }
```

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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