

Converting Colors

XYZ(15.0984, 7.9616, 2.1059)

Have a look what the booklet for
XYZ(15.0984, 7.9616, 2.1059)
contains.

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Color

**XYZ(15.1026, 7.9692,
2.1087)**

Conversions

Conversions Part 1

Format	Color
Hex	A10D20
RGB	161, 13, 32
RGB Percent	63%, 5%, 13%
CMY	0.3686, 0.9489, 0.8745
CMYK	0.00, 0.92, 0.80, 0.37
HSL	352°, 85%, 34%
HSV	352°, 92%, 63%
XYZ	15.1026, 7.9692, 2.1087
YIQ	59.4180, 82.1090, 37.2850

Conversions

Conversions Part 2

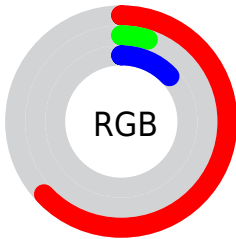
Format	Color
RYB	161, 13, 32
Decimal	10554656
CIELab	33.92, 55.65, 32.36
CIElCh	34, 64.373, 30.176
Yxy	7.9692, 0.5998, 0.3165
Android (android.graphics.Color)	4288744736 (0xFFA10D20)
YUV	59.4180, -13.5171, 89.0874
Hunter-Lab	28.2298, 46.0933, 15.3320

Details

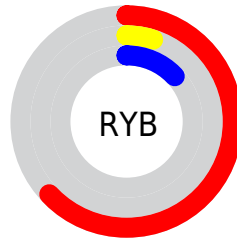
The XYZ color **15.1026, 7.9692, 2.1087** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.7951, 27.5289, 29.9750**, and the grayscale version is **4.2260, 4.4461, 4.8418**.

A 20% lighter version of the original color is **34.6396, 21.9611, 9.4344**, and **5.2555, 2.7093, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **14.8300, 7.6299, 1.3836**, and if you desaturate by 10%, it is **15.6340, 8.6592, 3.4358**.

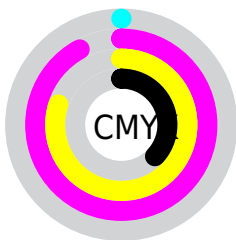
Distribution



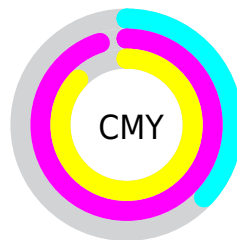
- Red (63%)
- Green (5%)
- Blue (13%)



- Red (63%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (92%)
- Yellow (80%)
- Black (37%)





- Cyan (37%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1026, 7.9692, 2.1087 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 15.1026, 7.9692, 2.1087 by changing the saturation by 10% instead.


 15.1026, 7.9692,
2.1087


 15.1026, 7.9692,
2.1087


217.3625,
175.4902, 124.0425


 8.9782, 4.0752,
0.6209


 34.6032, 21.8980,
9.3359


 4.7840, 1.7157,
0.0000

 48.7102, 32.7017,
15.9516


 2.1545, 0.4338,
0.0000

 66.2088, 46.5774,
25.1267

 0.7186, 0.0000,
0.0000

 87.4642, 63.9096,
37.2797


 0.0000, 0.0000,
0.0000


 112.8420, 85.0825,
52.8293

 142.7074,

110.4807, 72.1939


 177.4257,
140.4884, 95.7921


 15.1026, 7.9692,
2.1087


 15.1026, 7.9692,
2.1087


 14.8300, 7.6299,
1.3836

 15.6340, 8.6592,
3.4358

 16.4622, 9.7977,
5.3082

 17.6234, 11.4447,
7.7774

 19.1486, 13.6508,
10.8887

 21.0651, 16.4603,
14.6829

■ 23.3976, 19.9131,
19.1977

■ 26.1688, 24.0458,
24.4677

■ 29.3998, 28.8920,
30.5253

■ 33.1100, 34.4832,
37.4012

Harmonies

Analogous

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



16.6095, 7.9692, 8.6174



15.1026, 7.9692, 2.1087



11.4836, 7.9692, 0.1841

Triad

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



15.1026, 7.9692, 2.1087



3.0749, 7.9692, 2.1493



7.5954, 7.9692, 46.3397

Complementary

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



15.1026, 7.9692, 2.1087



17.7951, 27.5289, 29.9750

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.



4.6715, 7.9692, 38.8995



15.1026, 7.9692, 2.1087



2.6072, 7.9692, 8.7370

Square

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



15.1026, 7.9692, 2.1087



4.6454, 7.9692, 0.1979



3.0864, 7.9692, 22.6043



11.5314, 7.9692, 38.7371

Rectangle

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



15.1026, 7.9692, 2.1087



8.7947, 7.9692, 0.0000



3.0864, 7.9692, 22.6043



6.4727, 7.9692, 45.4732

Sweetspot

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



15.1028, 7.9697, 2.1088



43.4943, 38.0299, 37.4234



17.6075, 8.5479, 34.4399



9.1226, 7.7212, 7.4110



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.1028, 7.9697, 2.1088



26.5185, 13.6482, 2.2626



16.7945, 11.6538, 1.7457



7.1090, 7.1001, 7.5606



11.8533, 6.0974, 1.1524



0.2592, 0.1322, 0.0776

Inverse Universe

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



15.1028, 7.9697, 2.1088



26.5185, 13.6482, 2.2626



11.8300, 13.1204, 35.6270



7.1090, 7.1001, 7.5606



11.8533, 6.0974, 1.1524



0.2592, 0.1322, 0.0776

Previews

White Background



This preview shows how the XYZ color 15.1026, 7.9692, 2.1087 looks on a white background.

Color Contrast Check

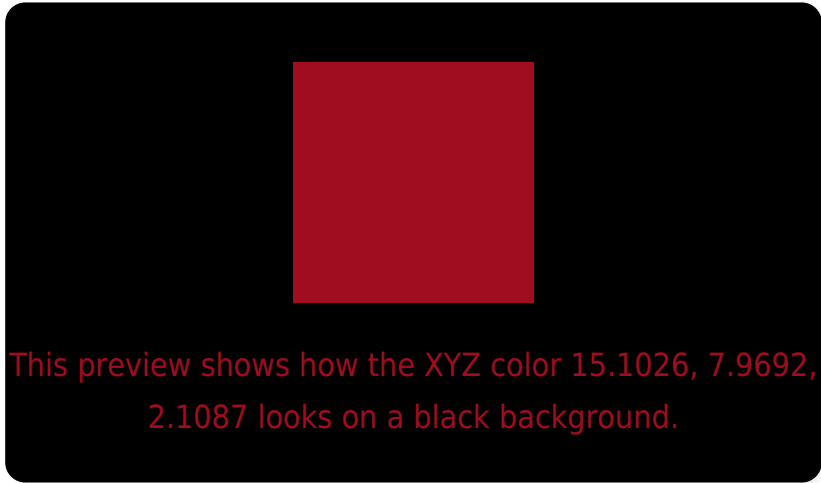
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1026, 7.9692, 2.1087

Background



This preview shows how black text looks on a background with the XYZ color 15.1026, 7.9692, 2.1087.



This preview shows how white text looks on a background with the XYZ color 15.1026, 7.9692,

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

15.1026, 7.9692, 2.1087

Protanopia

7.7881, 8.4300, 4.1224

Deuteranopia

8.4442, 8.3828, 1.8348



Tritanopia

14.9869, 8.0387, 1.1425

Trichromacy



Original Color

15.1026, 7.9692, 2.1087

Protanomaly

9.1016, 6.8137, 3.1210

Deuteranomaly

9.7962, 6.9894, 1.6969

Tritanomaly

15.0095, 7.9982, 1.4145

Monochromacy



Original Color

15.1026, 7.9692, 2.1087

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.2062, 4.3645, 3.4211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1026, 7.9692, 2.1087 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(161, 13, 32)` looks like.

```
.text, #text, p{  
    color:rgb(161, 13, 32)  
}
```

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(161, 13, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 13, 32) }
```

Border

The CSS property to change the border of an element to XYZ 15.1026, 7.9692, 2.1087 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(161, 13, 32) }
```


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

```
.border{ border-color:rgb(161, 13, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 13, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 13, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 13, 32);  
box-shadow:4px 4px 4px 4px rgb(161, 13,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1026, 7.9692, 2.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 13, 32) }
```

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

```
.background{ background-color: rgb(161, 13,  
32) }
```

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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