

Converting Colors

XYZ(15.1876, 8.5106, 1.3350)

Have a look what the booklet for
XYZ(15.1876, 8.5106, 1.3350)
contains.

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Color

**XYZ(15.2557, 8.5430,
1.3351)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A11E10 |
| RGB | 161, 30, 16 |
| RGB Percent | 63%, 12%, 6% |
| CMY | 0.3686, 0.8823, 0.9373 |
| CMYK | 0.00, 0.81, 0.90, 0.37 |
| HSL | 6°, 82%, 35% |
| HSV | 6°, 90%, 63% |
| XYZ | 15.2557, 8.5430, 1.3351 |
| YIQ | 67.5730, 82.5700, 23.4180 |

Conversions

Conversions Part 2

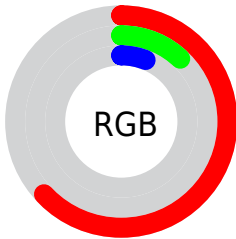
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 161, 31, 16 |
| Decimal | 10558992 |
| CIE _{Lab} | 35.09, 51.52, 41.97 |
| CIE _{LCh} | 35, 66.446, 39.166 |
| Yxy | 8.5430, 0.6070, 0.3399 |
| Android (android.graphics.Color) | 4288749072 (0xFFA11E10) |
| YUV | 67.5730, -25.4255, 81.9355 |
| Hunter-Lab | 29.2284, 42.0179, 17.7516 |

Details

The XYZ color **15.2557, 8.5430, 1.3351** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.0785, 23.5471, 37.3628**, and the grayscale version is **5.4570, 5.7411, 6.2521**.

A 20% lighter version of the original color is **34.7907, 23.0152, 7.1661**, and **5.2555, 2.7093, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **14.8766, 7.9346, 0.7474**, and if you desaturate by 10%, it is **15.8814, 9.5249, 2.3751**.

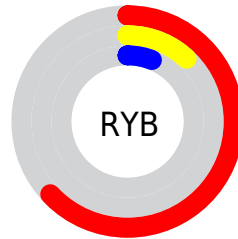
Distribution



Red (63%)

Green (12%)

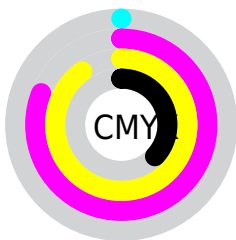
Blue (6%)



Red (63%)

Yellow (12%)

Blue (6%)

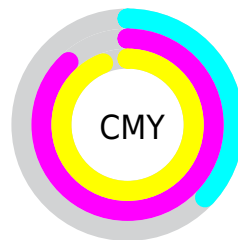


Cyan (0%)

Magenta (81%)

Yellow (90%)

Black (37%)



Cyan (37%)


Magenta (88%)

Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2557, 8.5430, 1.3351 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 15.2557, 8.5430, 1.3351 by changing the saturation by 10% instead.


 15.2557, 8.5430,
1.3351


 15.2557, 8.5430,
1.3351


 218.2665,
179.9311, 111.0061


 9.0865, 4.4443,
0.0903


 34.8691, 23.0163,
7.1270


 4.8552, 1.9251,
0.0000

 49.0441, 34.1596,
12.7486


 2.1964, 0.5634,
0.0000

 66.6183, 48.4200,
20.7454

 0.7409, 0.0000,
0.0000


 87.9572, 66.1818,
31.5360


 0.0000, 0.0000,
0.0000

 113.4261, 87.8295,
45.5387

 143.3904,

113.7473, 63.1723


 178.2155,
144.3197, 84.8553


 15.2557, 8.5430,
1.3351


 15.2557, 8.5430,
1.3351


 14.8766, 7.9346,
0.7474

 15.8814, 9.5249,
2.3751

 16.8045, 10.9303,
4.0421

 18.0569, 12.8008,
6.4145

 19.6658, 15.1725,
9.5593

 21.6559, 18.0781,
13.5355

■ 24.0495, 21.5474,
18.3965

■ 26.8673, 25.6080,
24.1912

■ 30.1285, 30.2857,
30.9650

■ 33.8510, 35.6047,
38.7602

Harmonies

Analogous

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



17.7524, 8.5430, 6.3353



15.2557, 8.5430, 1.3351



11.0246, 8.5430, 0.0000

Triad

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



15.2557, 8.5430, 1.3351



3.0054, 8.5430, 3.6441



9.3479, 8.5430, 49.4014

Complementary

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



15.2557, 8.5430, 1.3351



17.0785, 23.5471, 37.3628

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.



5.7762, 8.5430, 46.1062



15.2557, 8.5430, 1.3351



2.8105, 8.5430, 13.0743

Square

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



15.2557, 8.5430, 1.3351



4.3061, 8.5430, 0.6280



3.6504, 8.5430, 29.9366



13.7029, 8.5430, 37.0286

Rectangle

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



15.2557, 8.5430, 1.3351



8.2273, 8.5430, 0.0000



3.6504, 8.5430, 29.9366



8.0134, 8.5430, 50.2173

Sweetspot

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



15.2559, 8.5435, 1.3352



44.2868, 40.3453, 35.4359



20.3012, 10.1148, 29.2810



9.3840, 8.3735, 7.0987



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.



15.2559, 8.5435, 1.3352



26.5766, 14.0775, 1.3165



19.4046, 16.8410, 2.7181



7.1263, 7.1910, 7.3925



11.8965, 6.3669, 0.6019



0.2654, 0.1646, 0.0178

Inverse Universe

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



17.0785, 23.5471, 37.3628



29.6960, 40.9584, 66.7272



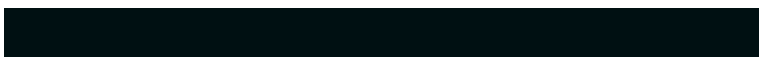
9.2599, 7.9098, 34.7566



7.2174, 7.8937, 9.0463



13.2952, 18.3698, 29.7748



0.2951, 0.4175, 0.6309

Previews

White Background



This preview shows how the XYZ color 15.2557, 8.5430, 1.3351 looks on a white background.

Color Contrast Check

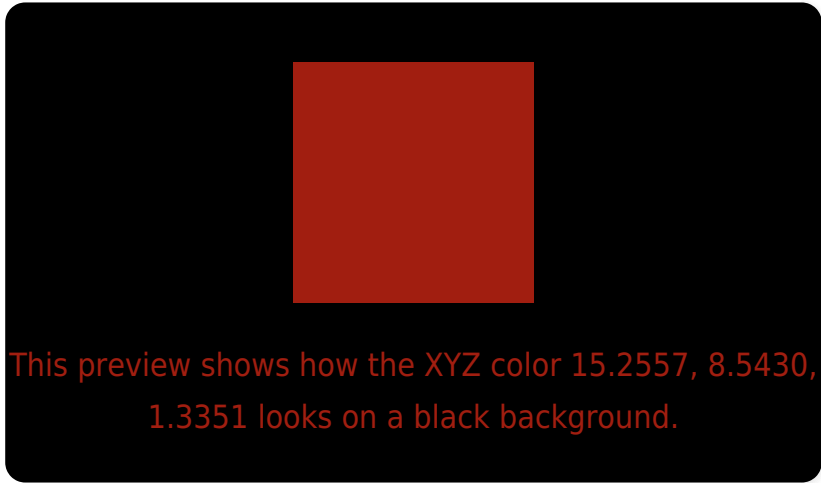
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2557, 8.5430, 1.3351

Background



This preview shows how black text looks on a background with the XYZ color 15.2557, 8.5430, 1.3351.



This preview shows how white text looks on a background with the XYZ color 15.2557, 8.5430,

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

15.2557, 8.5430, 1.3351

Protanopia

7.9960, 8.8042, 2.3765

Tritanopia

15.3469, 8.5396, 1.9381

Trichromacy



Original Color

15.2557, 8.5430, 1.3351

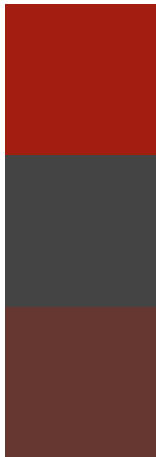
Protanomaly

9.4695, 7.5843, 1.8290

Tritanomaly

15.3022, 8.5217, 1.7025

Monochromacy



Original Color

15.2557, 8.5430, 1.3351

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

7.3530, 5.6849, 3.6155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2557, 8.5430, 1.3351 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, 30, 16)` looks like.

```
.text, #text, p{  
    color:rgb(161, 30, 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(161, 30, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 30, 16) }
```

Border

The CSS property to change the border of an element to XYZ 15.2557, 8.5430, 1.3351 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, 30, 16) }
```

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

```
.border{ border-color:rgb(161, 30, 16) }
```

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

Here you see how a box with a 4 pixel rgb(161, 30, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 30, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 30, 16);  
box-shadow:4px 4px 4px 4px rgb(161, 30,  
16) }
```


Background

The CSS property to change the background color of an element to XYZ 15.2557, 8.5430, 1.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 30, 16) }
```

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

```
.background{ background-color: rgb(161, 30,  
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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