

Converting Colors

XYZ(21.5938, 11.1268, 1.2452)

Have a look what the booklet for
XYZ(21.5938, 11.1268, 1.2452)
contains.

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Color

**XYZ(21.5297, 11.0939,
1.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0008
RGB	191, 0, 8
RGB Percent	75%, 0%, 3%
CMY	0.2510, 0.9999, 0.9686
CMYK	0.00, 1.00, 0.96, 0.25
HSL	357°, 100%, 37%
HSV	357°, 100%, 75%
XYZ	21.5297, 11.0939, 1.2363
YIQ	58.0210, 111.2680, 42.9800

Conversions

Conversions Part 2

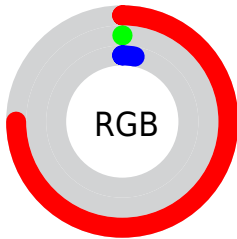
Format	Color
R_{YB}	191, 0, 8
Decimal	12517384
CIE Lab	39.74, 64.54, 51.15
CIE LCh	40, 82.351, 38.396
Yxy	11.0939, 0.6358, 0.3276
Android (android.graphics.Color)	4290707464 (0xFFBF0008)
YUV	58.0210, -24.6604, 116.6226
Hunter-Lab	33.3075, 57.0928, 21.1145

Details

The XYZ color **21.5297, 11.0939, 1.2363** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **27.1822, 40.6820, 51.2393**, and the grayscale version is **4.0488, 4.2596, 4.6387**.

A 20% lighter version of the original color is **44.9958, 27.5900, 6.8248**, and **8.7524, 4.5120, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **21.5293, 11.0937, 1.2353**, and if you desaturate by 10%, it is **21.9108, 11.6226, 2.0837**.

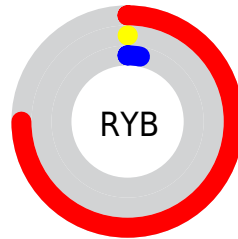
Distribution



Red (75%)

Green (0%)

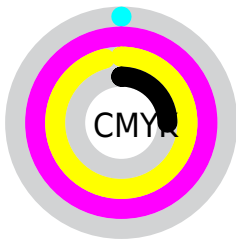
Blue (3%)



Red (75%)

Yellow (0%)

Blue (3%)

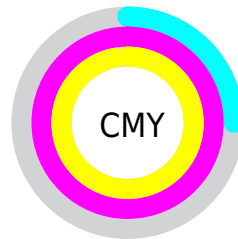


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (25%)



Cyan (25%)


Magenta (100%)


Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5297, 11.0939, 1.2363 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 21.5297, 11.0939, 1.2363 by changing the saturation by 10% instead.


 21.5297, 11.0939,
1.2363


 21.5297, 11.0939,
1.2363


 252.7591,
198.3106, 109.0867


 13.6264, 6.1300,
0.0087


 45.4521, 27.8337,
6.8219


 7.9412, 2.9243,
0.0000


 62.2020, 40.3784,
12.2979


 4.1089, 1.0923,
0.0000

 82.6313, 56.2188,
20.1208

 1.7639, 0.0000,
0.0000

 107.1056, 75.7393,
30.7090


 0.4958, 0.0000,
0.0000


 135.9902, 99.3244,
44.4812


 0.0000, 0.0000,
0.0000


 169.6504,


127.3584, 61.8558


 208.4516,
160.2256, 83.2515


 21.5297, 11.0939,
1.2363


 21.5297, 11.0939,
1.2363


 21.5293, 11.0937,
1.2353

 21.9108, 11.6226,
2.0837

 22.6525, 12.6641,
3.6936

 23.8602, 14.3938,
6.2102

 25.5936, 16.9028,
9.7403

 27.9034, 20.2685,
14.3760

■ 30.8344, 24.5587,
20.1989

■ 34.4272, 29.8348,
27.2831

■ 38.7186, 36.1526,
35.6964

■ 43.7429, 43.5638,
45.5021

Harmonies

Analogous

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



25.3197, 11.0939, 8.0886



21.5297, 11.0939, 1.2363



15.0616, 11.0939, 0.0000

Triad

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



21.5297, 11.0939, 1.2363



3.3347, 11.0939, 3.8740



12.2083, 11.0939, 76.2022

Complementary

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



21.5297, 11.0939, 1.2363



27.1822, 40.6820, 51.2393

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.



7.0349, 11.0939, 70.0637



21.5297, 11.0939, 1.2363



3.0439, 11.0939, 17.2049

Square

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



21.5297, 11.0939, 1.2363



5.1419, 11.0939, 0.2778



4.1249, 11.0939, 43.4532



18.8145, 11.0939, 56.4211

Rectangle

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



21.5297, 11.0939, 1.2363



10.8508, 11.0939, 0.0000



4.1249, 11.0939, 43.4532



10.2439, 11.0939, 77.3024

Sweetspot

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



21.5299, 11.0946, 1.2364



61.3129, 52.9247, 48.1825



28.5664, 13.6408, 50.4172



12.8335, 10.6957, 9.3396



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



21.5299, 11.0946, 1.2364



38.5378, 19.8605, 2.0985



24.8113, 17.7272, 2.1150



9.5459, 9.5426, 9.9975



14.1564, 7.2937, 0.8510



0.5601, 0.2879, 0.0627

Inverse Universe

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



21.5299, 11.0946, 1.2364



38.5378, 19.8605, 2.0985



14.4627, 13.8784, 51.2064



9.5459, 9.5426, 9.9975



14.1564, 7.2937, 0.8510



0.5601, 0.2879, 0.0627

Previews

White Background



This preview shows how the XYZ color 21.5297, 11.0939, 1.2363 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



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 21.5297, 11.0939, 1.2363

Background



This preview shows how black text looks on a background with the XYZ color 21.5297, 11.0939, 1.2363.



This preview shows how white text looks on a background with the XYZ color 21.5297, 11.0939,

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

21.5297, 11.0939, 1.2363

Protanopia

10.6569, 11.8167, 2.7561

Deuteranopia

11.7123, 11.7192, 1.6447



Tritanopia

21.4515, 11.3798, 1.0659

Trichromacy



Original Color

21.5297, 11.0939, 1.2363

Protanomaly

12.3301, 8.8990, 1.7296

Deuteranomaly

13.4345, 9.2455, 1.1626

Tritanomaly

21.3713, 11.1931, 1.1202

Monochromacy



Original Color

21.5297, 11.0939, 1.2363

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.9884, 4.5405, 2.5156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5297, 11.0939, 1.2363 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(191, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 8)  
}
```

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(191, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 8) }
```

Border

The CSS property to change the border of an element to XYZ 21.5297, 11.0939, 1.2363 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(191, 0, 8) }
```


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

```
.border{ border-color:rgb(191, 0, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(191, 0, 8); box-shadow:4px  
4px 4px 4px rgb(191, 0, 8) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5297, 11.0939, 1.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 8) }
```

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

```
.background{ background-color: rgb(191, 0,  
8) }
```

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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