

Converting Colors

XYZ(21.2452, 11.8958, 2.9266)

Have a look what the booklet for
XYZ(21.2452, 11.8958, 2.9266)
contains.

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Color

**XYZ(21.2452, 11.8958,
2.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	BA2525
RGB	186, 37, 37
RGB Percent	73%, 15%, 15%
CMY	0.2706, 0.8549, 0.8549
CMYK	0.00, 0.80, 0.80, 0.27
HSL	0°, 67%, 44%
HSV	0°, 80%, 73%
XYZ	21.2452, 11.8958, 2.9266
YIQ	81.5510, 88.8040, 31.5880

Conversions

Conversions Part 2

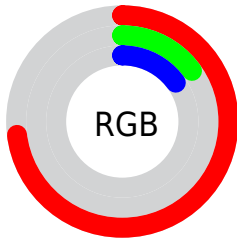
Format	Color
RYB	186, 37, 37
Decimal	12199205
CIELab	41.05, 57.54, 38.45
CIElCh	41, 69.204, 33.755
Yxy	11.8958, 0.5890, 0.3298
Android (android.graphics.Color)	4290389285 (0xFFBA2525)
YUV	81.5510, -21.9636, 91.6018
Hunter-Lab	34.4903, 49.5938, 19.1123

Details

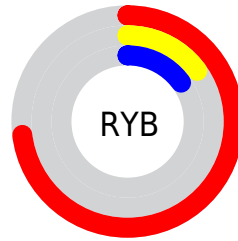
The XYZ color **21.2452, 11.8958, 2.9266** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **27.1820, 39.0508, 52.5590**, and the grayscale version is **7.9614, 8.3760, 9.1215**.

A 20% lighter version of the original color is **44.9029, 29.3137, 11.4751**, and **8.3122, 4.2851, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **20.5851, 10.9302, 1.6144**, and if you desaturate by 10%, it is **22.3490, 13.5114, 5.1203**.

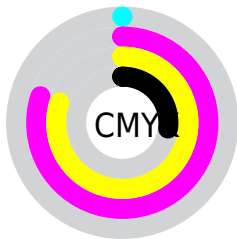
Distribution



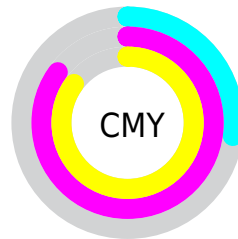
- Red (73%)
- Green (15%)
- Blue (15%)



- Red (73%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (27%)





- Cyan (27%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2452, 11.8958, 2.9266 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 21.2452, 11.8958, 2.9266 by changing the saturation by 10% instead.


 21.2452, 11.8958,
2.9266


 21.2452, 11.8958,
2.9266


251.2859,
203.7142, 135.4202


 13.4168, 6.6728,
1.0573


 44.9835, 29.3052,
11.4468


 7.7952, 3.2583,
0.0000


 61.6241, 42.2603,
18.9347

 4.0149, 1.2680,
0.0000

 81.9328, 58.5616,
29.1326

 1.7105, 0.1162,
0.0000

 106.2750, 78.5935,
42.4590

 0.4629, 0.0000,
0.0000

 135.0161,
102.7402, 59.3324

 0.0000, 0.0000,
0.0000

 168.5214,

131.3864, 80.1714

207.1562,
164.9162, 105.3945

21.2452, 11.8958,
2.9266

21.2452, 11.8958,
2.9266

20.5851, 10.9302,
1.6144

22.3490, 13.5114,
5.1203

20.2497, 10.4394,
0.9477

23.9551, 15.8617,
8.3130

26.1140, 19.0208,
12.6045

28.8697, 23.0533,
18.0828

32.2621, 28.0172,
24.8265

■ 36.3272, 33.9657,
32.9079

■ 41.0987, 40.9477,
42.3937

■ 46.6079, 49.0092,
53.3460

■ 52.8843, 58.1931,
65.8234

Harmonies

Analogous

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



23.7573, 11.8958, 11.2435



21.2452, 11.8958, 2.9266



16.0751, 11.8958, 0.6087

Triad

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



21.2452, 11.8958, 2.9266



4.7241, 11.8958, 4.2342



11.9433, 11.8958, 63.8666

Complementary

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



21.2452, 11.8958, 2.9266



27.1820, 39.0508, 52.5590

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.



7.5888, 11.8958, 56.2007



21.2452, 11.8958, 2.9266



4.2057, 11.8958, 14.8265

Square

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



21.2452, 11.8958, 2.9266



6.7887, 11.8958, 0.9255



5.0821, 11.8958, 34.8551



17.4833, 11.8958, 51.5714

Rectangle

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



21.2452, 11.8958, 2.9266



12.3772, 11.8958, 0.1386



5.0821, 11.8958, 34.8551



10.2996, 11.8958, 63.5670

Sweetspot

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



21.2455, 11.8965, 2.9268



62.5315, 56.7156, 53.0593



29.7740, 15.3073, 47.8394



13.1998, 11.6547, 10.5502



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



21.2455, 11.8965, 2.9268



36.8623, 19.1535, 2.0324



26.3226, 22.0509, 4.6192



9.0047, 9.0123, 9.3719



13.6235, 7.0234, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



27.1820, 39.0508, 52.5590



48.0067, 70.1299, 95.2076



15.3649, 15.4167, 48.6200



9.2666, 10.2105, 11.5619



17.7736, 26.0069, 35.3361



0.6266, 0.9168, 1.2457

Previews

White Background



This preview shows how the XYZ color 21.2452, 11.8958, 2.9266 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 21.2452, 11.8958, 2.9266 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 21.2452, 11.8958, 2.9266

Background



This preview shows how black text looks on a background with the XYZ color 21.2452, 11.8958, 2.9266.



This preview shows how white text looks on a background with the XYZ color 21.2452, 11.8958,

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

21.2452, 11.8958, 2.9266

Protanopia

11.2179, 12.1899, 5.2517

Deuteranopia

12.2476, 12.1056, 2.5552



Tritanopia

21.2452, 11.8958, 2.9266

Trichromacy



Original Color

21.2452, 11.8958, 2.9266

Protanomaly

13.2713, 10.6165, 4.1460

Deuteranomaly

14.4584, 10.9648, 2.5168

Tritanomaly

21.2452, 11.8958, 2.9266

Monochromacy



Original Color

21.2452, 11.8958, 2.9266

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

10.6773, 8.2828, 6.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2452, 11.8958, 2.9266 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(186, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(186, 37, 37)  
}
```

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(186, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 37, 37) }
```

Border

The CSS property to change the border of an element to XYZ 21.2452, 11.8958, 2.9266 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(186, 37, 37) }
```


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

```
.border{ border-color:rgb(186, 37, 37) }
```

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

Here you see how a box with a 4 pixel rgb(186, 37, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(186, 37,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2452, 11.8958, 2.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 37, 37) }
```

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

```
.background{ background-color: rgb(186, 37,  
37) }
```

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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