

Converting Colors

XYZ(21.2663, 12.1099, 3.2546)

Have a look what the booklet for
XYZ(21.2663, 12.1099, 3.2546)
contains.

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Color

**XYZ(21.1835, 12.0534,
3.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	B92928
RGB	185, 41, 40
RGB Percent	73%, 16%, 16%
CMY	0.2745, 0.8392, 0.8431
CMYK	0.00, 0.78, 0.78, 0.27
HSL	0°, 64%, 44%
HSV	0°, 78%, 73%
XYZ	21.1835, 12.0534, 3.2175
YIQ	83.9420, 86.1450, 30.2170

Conversions

Conversions Part 2

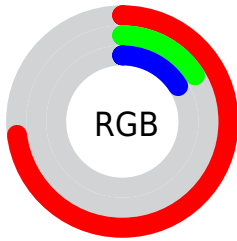
Format	Color
RYB	185, 41, 40
Decimal	12134696
CIELab	41.30, 56.16, 36.96
CIELCh	41, 67.234, 33.350
Yxy	12.0534, 0.5811, 0.3306
Android (android.graphics.Color)	4290324776 (0xFFB92928)
YUV	83.9420, -21.6634, 88.6279
Hunter-Lab	34.7180, 48.1568, 18.8079

Details

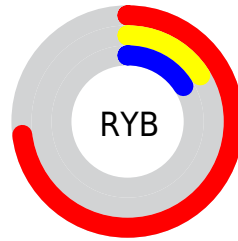
The XYZ color **21.1835, 12.0534, 3.2175** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **26.7697, 38.2294, 51.8666**, and the grayscale version is **8.4468, 8.8867, 9.6776**.

A 20% lighter version of the original color is **44.8530, 29.5520, 12.1442**, and **8.3122, 4.2851, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **20.4468, 10.9689, 1.7736**, and if you desaturate by 10%, it is **22.3676, 13.7923, 5.5533**.

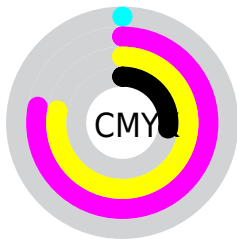
Distribution



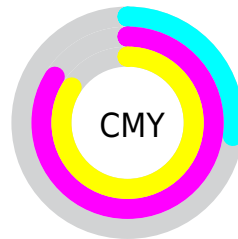
- Red (73%)
- Green (16%)
- Blue (16%)



- Red (73%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (27%)





- Cyan (27%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1835, 12.0534, 3.2175 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 21.1835, 12.0534, 3.2175 by changing the saturation by 10% instead.


 21.1835, 12.0534,
3.2175


 21.1835, 12.0534,
3.2175


250.9654,
204.7585, 139.0843


 13.3714, 6.7801,
1.2067


 44.8817, 29.5923,
12.1606


 7.7636, 3.3249,
0.0000


 61.4986, 42.6267,
19.9300

 3.9946, 1.3036,
0.0000

 81.7810, 59.0169,
30.4560

 1.6991, 0.1440,
0.0000

 106.0945, 79.1472,
44.1572

 0.4557, 0.0000,
0.0000

 134.8043,
103.4022, 61.4521

 0.0000, 0.0000,
0.0000

 168.2758,

132.1661, 82.7592

206.8744,
165.8234, 108.4971

21.1835, 12.0534,
3.2175

21.1835, 12.0534,
3.2175

20.4468, 10.9689,
1.7736

22.3676, 13.7923,
5.5533

20.0702, 10.4135,
1.0383

24.0539, 16.2639,
8.8927

20.0214, 10.3422,
0.9410

26.2900, 19.5381,
13.3316

29.1180, 23.6758,
18.9548

32.5758, 28.7323,
25.8385

■ 36.6981, 34.7582,
34.0529

■ 41.5172, 41.8002,
43.6626

■ 47.0631, 49.9023,
54.7283

■ 53.3643, 59.1058,
67.3071

Harmonies

Analogous

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



23.5644, 12.0534, 11.6198



21.1835, 12.0534, 3.2175



16.1862, 12.0534, 0.7772

Triad

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



21.1835, 12.0534, 3.2175



4.9639, 12.0534, 4.4010



12.0119, 12.0534, 62.1612

Complementary

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



21.1835, 12.0534, 3.2175



26.7697, 38.2294, 51.8666

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.



7.7514, 12.0534, 54.5919



21.1835, 12.0534, 3.2175



4.4247, 12.0534, 14.7529

Square

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



21.1835, 12.0534, 3.2175



7.0443, 12.0534, 1.0546



5.2835, 12.0534, 34.0529



17.4080, 12.0534, 50.6415

Rectangle

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



21.1835, 12.0534, 3.2175



12.5744, 12.0534, 0.3095



5.2835, 12.0534, 34.0529



10.4067, 12.0534, 61.7827

Sweetspot

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



21.1838, 12.0541, 3.2177



61.1404, 55.5487, 51.8487



29.5231, 15.3345, 47.3023



12.6434, 11.1898, 10.1073



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



21.1838, 12.0541, 3.2177



36.0999, 18.8748, 2.1697



26.2399, 22.1663, 4.9030



9.0095, 9.0220, 9.3735



13.6352, 7.0467, 0.6415



0.4824, 0.2518, 0.0232

Inverse Universe

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



26.7697, 38.2294, 51.8666



46.4822, 67.5929, 92.8015



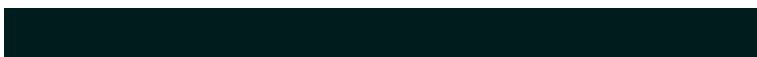
15.4814, 15.6528, 48.1038



9.2612, 10.1996, 11.5600



17.5950, 25.6498, 35.2766



0.6220, 0.9077, 1.2442

Previews

White Background



This preview shows how the XYZ color 21.1835, 12.0534, 3.2175 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 21.1835, 12.0534, 3.2175 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 21.1835, 12.0534, 3.2175

Background



This preview shows how black text looks on a background with the XYZ color 21.1835, 12.0534, 3.2175.



This preview shows how white text looks on a background with the XYZ color 21.1835, 12.0534,

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

21.1835, 12.0534, 3.2175

Protanopia

11.3847, 12.4072, 5.6657

Deuteranopia

12.5367, 12.3792, 2.8911



Tritanopia

21.2008, 12.0603, 3.3083

Trichromacy



Original Color

21.1835, 12.0534, 3.2175

Protanomaly

13.4753, 10.9220, 4.5299

Deuteranomaly

14.6447, 11.2530, 2.8390

Tritanomaly

21.2008, 12.0603, 3.3083

Monochromacy



Original Color

21.1835, 12.0534, 3.2175

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.9957, 8.6165, 6.5525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1835, 12.0534, 3.2175 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(185, 41, 40)` looks like.

```
.text, #text, p{  
    color:rgb(185, 41, 40)  
}
```

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(185, 41, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 41, 40) }
```

Border

The CSS property to change the border of an element to XYZ 21.1835, 12.0534, 3.2175 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(185, 41, 40) }
```


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

```
.border{ border-color:rgb(185, 41, 40) }
```

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

Here you see how a box with a 4 pixel rgb(185, 41, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 41, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 41, 40);  
box-shadow:4px 4px 4px 4px rgb(185, 41,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1835, 12.0534, 3.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 41, 40) }
```

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

```
.background{ background-color: rgb(185, 41,  
40) }
```

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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