

Converting Colors

XYZ(21.5518, 11.5838, 3.2055)

Have a look what the booklet for
XYZ(21.5518, 11.5838, 3.2055)
contains.

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Color

**XYZ(21.4869, 11.5467,
3.1941)**

Conversions

Conversions Part 1

Format	Color
Hex	BC1929
RGB	188, 25, 41
RGB Percent	74%, 10%, 16%
CMY	0.2627, 0.9019, 0.8392
CMYK	0.00, 0.87, 0.78, 0.26
HSL	354°, 77%, 42%
HSV	354°, 87%, 74%
XYZ	21.4869, 11.5467, 3.1941
YIQ	75.5610, 92.0120, 39.5320

Conversions

Conversions Part 2

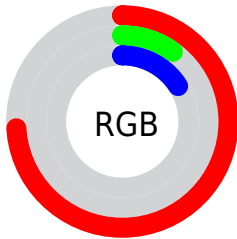
Format	Color
R _Y B	188, 25, 41
Decimal	12327209
CIE Lab	40.49, 61.11, 35.71
CIE LCh	40, 70.781, 30.297
Yxy	11.5467, 0.5931, 0.3187
Android (android.graphics.Color)	4290517289 (0xFFBC1929)
YUV	75.5610, -17.0386, 98.6090
Hunter-Lab	33.9804, 53.4054, 18.2132

Details

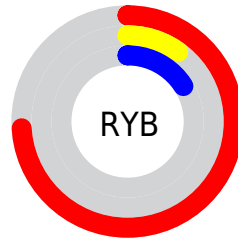
The XYZ color **21.4869, 11.5467, 3.1941** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **25.8324, 39.1523, 45.2338**, and the grayscale version is **6.8093, 7.1639, 7.8014**.

A 20% lighter version of the original color is **45.5213, 28.6959, 12.1564**, and **8.6042, 4.4356, 0.4027** is the 20% darker color. If you saturate the color by 10%, you get **20.9717, 10.8924, 1.8637**, and if you desaturate by 10%, it is **22.3954, 12.7842, 5.2845**.

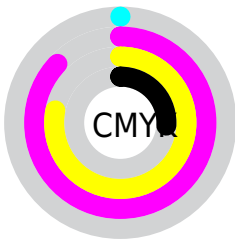
Distribution



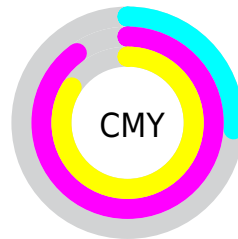
- Red (74%)
- Green (10%)
- Blue (16%)



- Red (74%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (87%)
- Yellow (78%)
- Black (26%)





- Cyan (26%)
- Magenta (90%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4869, 11.5467, 3.1941 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 21.4869, 11.5467, 3.1941 by changing the saturation by 10% instead.


 21.4869, 11.5467,
3.1941


 21.4869, 11.5467,
3.1941


252.5379,
201.3808, 138.7956


 13.5949, 6.4358,
1.1946


 45.3817, 28.6668,
12.1037


 7.9192, 3.1119,
0.0000


 62.1151, 41.4448,
19.8510

 4.0947, 1.1904,
0.0000


 82.5264, 57.5472,
30.3511

 1.7558, 0.0538,
0.0000

 106.9809, 77.3586,
44.0228

 0.4908, 0.0000,
0.0000

 135.8439,
101.2632, 61.2846

 0.0000, 0.0000,
0.0000

 169.4809,

129.6455, 82.5550

208.2571,
162.8899, 108.2524

21.4869, 11.5467,
3.1941

21.4869, 11.5467,
3.1941

20.9717, 10.8924,
1.8637

22.3954, 12.7842,
5.2845

20.8517, 10.7364,
1.5645

23.7623, 14.7109,
8.2282

25.6385, 17.4089,
12.1043

28.0679, 20.9478,
16.9829

31.0897, 25.3899,
22.9272

■ 34.7394, 30.7912,
29.9953

■ 39.0498, 37.2034,
38.2408

■ 44.0513, 44.6744,
47.7143

■ 49.7727, 53.2492,
58.4630

Harmonies

Analogous

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



23.5982, 11.5467, 12.4307



21.4869, 11.5467, 3.1941



16.4334, 11.5467, 0.5819

Triad

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



21.4869, 11.5467, 3.1941



4.5836, 11.5467, 3.2940



11.0245, 11.5467, 64.7321

Complementary

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



21.4869, 11.5467, 3.1941



25.8324, 39.1523, 45.2338

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.



6.8825, 11.5467, 54.5767



21.4869, 11.5467, 3.1941



3.9163, 11.5467, 12.7152

Square

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



21.4869, 11.5467, 3.1941



6.8197, 11.5467, 0.6076



4.6114, 11.5467, 32.0915



16.5463, 11.5467, 54.1990

Rectangle

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



21.4869, 11.5467, 3.1941



12.6682, 11.5467, 0.0025



4.6114, 11.5467, 32.0915



9.4394, 11.5467, 63.5710

Sweetspot

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



21.4872, 11.5474, 3.1943



63.1531, 56.0909, 54.7330



26.3728, 13.0637, 48.7082



13.0574, 11.2860, 10.7612



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.



21.4872, 11.5474, 3.1943



37.7514, 19.4425, 2.6276



24.5885, 18.1095, 3.1202



9.5672, 9.5512, 10.1097



14.2101, 7.3152, 1.1340



0.5695, 0.2917, 0.1125

Inverse Universe

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



21.4872, 11.5474, 3.1943



37.7514, 19.4425, 2.6276



16.5374, 17.9558, 50.1708



9.5672, 9.5512, 10.1097



14.2101, 7.3152, 1.1340



0.5695, 0.2917, 0.1125

Previews

White Background



This preview shows how the XYZ color 21.4869, 11.5467, 3.1941 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 21.4869, 11.5467, 3.1941

Background



This preview shows how black text looks on a background with the XYZ color 21.4869, 11.5467, 3.1941.



This preview shows how white text looks on a background with the XYZ color 21.4869, 11.5467,

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

21.4869, 11.5467, 3.1941

Protanopia

11.0609, 11.9505, 6.1386

Deuteranopia

12.0750, 11.8806, 2.8192



Tritanopia

21.3407, 11.5965, 2.0908

Trichromacy



Original Color

21.4869, 11.5467, 3.1941

Protanomaly

13.0724, 10.0071, 4.7326

Deuteranomaly

14.1957, 10.3550, 2.6894

Tritanomaly

21.3783, 11.5742, 2.4036

Monochromacy



Original Color

21.4869, 11.5467, 3.1941

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

9.6964, 7.0670, 5.5556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4869, 11.5467, 3.1941 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(188, 25, 41)` looks like.

```
.text, #text, p{  
    color:rgb(188, 25, 41)  
}
```

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(188, 25, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 25, 41) }
```

Border

The CSS property to change the border of an element to XYZ 21.4869, 11.5467, 3.1941 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(188, 25, 41) }
```


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

```
.border{ border-color:rgb(188, 25, 41) }
```

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

Here you see how a box with a 4 pixel rgb(188, 25, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 25, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 25, 41);  
box-shadow:4px 4px 4px 4px rgb(188, 25,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4869, 11.5467, 3.1941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 25, 41) }
```

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

```
.background{ background-color: rgb(188, 25,  
41) }
```

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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