

Converting Colors

XYZ(21.7644, 13.4104, 1.4640)

Have a look what the booklet for
XYZ(21.7644, 13.4104, 1.4640)
contains.

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Color

**XYZ(21.7183, 13.3675,
1.4642)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3901
RGB	186, 57, 1
RGB Percent	73%, 22%, 0%
CMY	0.2706, 0.7764, 0.9961
CMYK	0.00, 0.69, 0.99, 0.27
HSL	18°, 99%, 37%
HSV	18°, 99%, 73%
XYZ	21.7183, 13.3675, 1.4642
YIQ	89.1870, 94.8600, 9.9320

Conversions

Conversions Part 2

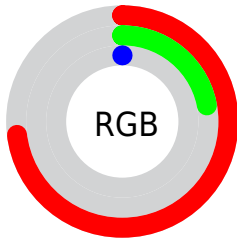
Format	Color
R _Y B	186, 81, 1
Decimal	12204289
CIE Lab	43.31, 50.02, 54.70
CIE LCh	43, 74.126, 47.557
Yxy	13.3675, 0.5942, 0.3657
Android (android.graphics.Color)	4290394369 (0xFFBA3901)
YUV	89.1870, -43.4762, 84.9050
Hunter-Lab	36.5616, 42.0497, 23.2187

Details

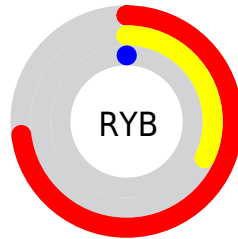
The XYZ color **21.7183, 13.3675, 1.4642** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **16.8571, 19.5149, 49.3324**, and the grayscale version is **9.6163, 10.1171, 11.0176**.

A 20% lighter version of the original color is **45.8226, 31.9784, 7.4987**, and **8.3122, 4.2851, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **21.6788, 13.2975, 1.4241**, and if you desaturate by 10%, it is **22.5610, 14.8656, 2.3236**.

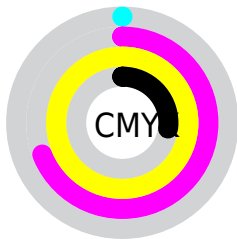
Distribution



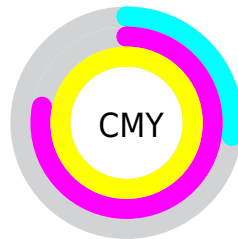
- Red (73%)
- Green (22%)
- Blue (0%)



- Red (73%)
- Yellow (32%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (99%)
- Black (27%)





- Cyan (27%)
- Magenta (78%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 21.7183, 13.3675, 1.4642 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 21.7183, 13.3675, 1.4642 by changing the saturation by 10% instead.


 21.7183, 13.3675,
1.4642


 21.7183, 13.3675,
1.4642


 253.7317,
213.2597, 113.4072


 13.7655, 7.6821,
0.1910


 45.7623, 31.9625,
7.5161

 8.0384, 3.8922,
0.0000


 62.5842, 45.6408,
13.3202

 4.1715, 1.6134,
0.0000

 83.0932, 62.7522,
21.5345

 1.7996, 0.3666,
0.0000

 107.6546, 83.6811,
32.5775

 0.5174, 0.0000,
0.0000


 136.6338,
108.8120, 46.8677


 0.0000, 0.0000,
0.0000


 170.3962,


138.5291, 64.8237


 209.3070,
173.2168, 86.8641


 21.7183, 13.3675,
1.4642


 21.7183, 13.3675,
1.4642


 21.6788, 13.2975,
1.4241

 22.5610, 14.8656,
2.3236

 23.6918, 16.7586,
3.8368

 25.1583, 19.0827,
6.2023

 26.9896, 21.8651,
9.5267

 29.2115, 25.1302,
13.9010

■ 31.8469, 28.9006,
19.4052

■ 34.9171, 33.1975,
26.1117

■ 38.4415, 38.0405,
34.0867

■ 42.4386, 43.4486,
43.3916

Harmonies

Analogous

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



26.4235, 13.3675, 6.9427



21.7183, 13.3675, 1.4642



15.2386, 13.3675, 0.1601

Triad

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



21.7183, 13.3675, 1.4642



4.6805, 13.3675, 8.7448



16.3393, 13.3675, 70.3916

Complementary

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



21.7183, 13.3675, 1.4642



16.8571, 19.5149, 49.3324

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.



10.4698, 13.3675, 72.5027



21.7183, 13.3675, 1.4642



4.8129, 13.3675, 26.3426

Square

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



21.7183, 13.3675, 1.4642



6.1704, 13.3675, 1.9400



6.6113, 13.3675, 52.6339



22.7305, 13.3675, 48.0678

Rectangle

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



21.7183, 13.3675, 1.4642



11.3067, 13.3675, 0.0834



6.6113, 13.3675, 52.6339



14.2150, 13.3675, 73.8779

Sweetspot

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



21.7186, 13.3683, 1.4644



62.6762, 59.3214, 45.9665



24.3234, 12.0859, 22.3463



13.2692, 12.3200, 8.9497



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.



21.7186, 13.3683, 1.4644



39.1087, 23.7313, 2.5193



31.0025, 31.9361, 4.5590



9.2204, 9.4437, 9.4438



14.6436, 9.0635, 0.9776



0.5724, 0.4319, 0.0532

Inverse Universe

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



16.8571, 19.5149, 49.3324



30.2359, 34.7685, 89.3188



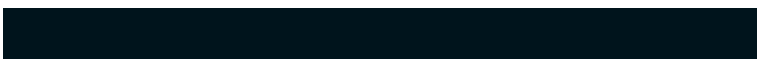
9.5686, 4.9379, 46.9029



9.0310, 9.7392, 11.4833



11.3737, 13.2072, 33.2028



0.4526, 0.5689, 1.1877

Previews

White Background



This preview shows how the XYZ color 21.7183, 13.3675, 1.4642 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 21.7183, 13.3675, 1.4642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

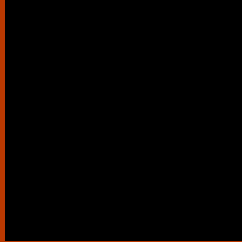
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7183, 13.3675, 1.4642

Background



This preview shows how black text looks on a background with the XYZ color 21.7183, 13.3675, 1.4642.



This preview shows how white text looks on a background with the XYZ color 21.7183, 13.3675,

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

21.7183, 13.3675, 1.4642

Protanopia

12.2790, 13.6641, 2.6521

Deuteranopia

13.5736, 13.4812, 1.8867



Tritanopia

22.4804, 13.3965, 5.1423

Trichromacy



Original Color

21.7183, 13.3675, 1.4642

Protanomaly

14.4653, 12.5082, 2.0327

Deuteranomaly

15.6709, 12.6705, 1.6197

Tritanomaly

22.1311, 13.3305, 3.0757

Monochromacy



Original Color

21.7183, 13.3675, 1.4642

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.7046, 9.8882, 5.1626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7183, 13.3675, 1.4642 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, 57, 1)` looks like.

```
.text, #text, p{  
    color:rgb(186, 57, 1)  
}
```

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, 57, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 57, 1) }
```

Border

The CSS property to change the border of an element to XYZ 21.7183, 13.3675, 1.4642 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, 57, 1) }
```


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

```
.border{ border-color:rgb(186, 57, 1) }
```

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

Here you see how a box with a 4 pixel rgb(186, 57, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 57, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 57, 1);  
box-shadow:4px 4px 4px 4px rgb(186, 57, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.7183, 13.3675, 1.4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 57, 1) }
```

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

```
.background{ background-color: rgb(186, 57,  
1) }
```

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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