

Converting Colors

$Yxy(14.0476, 0.6210, 0.3195)$

Have a look what the booklet for
Yxy(14.0476, 0.6210, 0.3195)
contains.

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Color

Yxy(14.1013, 0.6208, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	D40020
RGB	212, 0, 32
RGB Percent	83%, 0%, 13%
CMY	0.1686, 1.0000, 0.8744
CMYK	0.00, 1.00, 0.85, 0.17
HSL	351°, 100%, 42%
HSV	351°, 100%, 83%
XYZ	27.4165, 14.1013, 2.6454
YIQ	67.0360, 116.0800, 54.8960

Conversions

Conversions Part 2

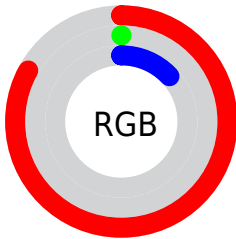
Format	Color
R_{YB}	212, 0, 32
Decimal	13893664
CIE Lab	44.38, 70.12, 46.17
CIE LCh	44, 83.954, 33.366
Yxy	14.1013, 0.6208, 0.3193
Android (android.graphics.Color)	4292083744 (0xFFD40020)
YUV	67.0360, -17.2727, 127.1334
Hunter-Lab	37.5517, 64.6074, 22.1094

Details

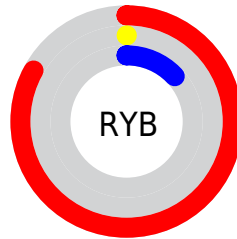
The Yxy color **14.1013, 0.6208, 0.3193** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **50.3910, 0.2383, 0.3777**, and the grayscale version is **5.6343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6264, 0.5417, 0.3370**, and **6.2030, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.1042, 0.6208, 0.3193**, and if you desaturate by 10%, it is **14.7741, 0.5936, 0.3132**.

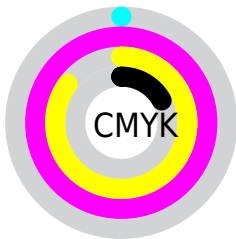
Distribution



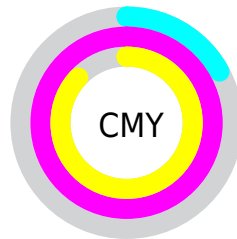
- Red (83%)
- Green (0%)
- Blue (13%)



- Red (83%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (17%)





- Cyan (17%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1013, 0.6208, 0.3193 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 Yxy color 14.1013, 0.6208, 0.3193 by changing the saturation by 10% instead.


 14.1013, 0.6208,
0.3193


 14.1013, 0.6208,
0.3193


217.8601, 0.4463,
0.3451

 8.1912, 0.6643,
0.3019


 33.2687, 0.5554,
0.3361


 4.2175, 0.7241,
0.2759

 47.2947, 0.5310,
0.3400

 1.7960, 0.7748,
0.2252

 64.7947, 0.5107,
0.3424

 0.4847, 0.8608,
0.1392

 86.1533, 0.4936,
0.3438

 0.0000, 1.0000,
0.0000


 111.7547, 0.4790,
0.3446


 0.0000, 0.0000,
0.0000


 141.9834, 0.4666,


0.3450


 177.2237, 0.4558,
0.3451


 14.1013, 0.6208,
0.3193


 14.1013, 0.6208,
0.3193


 14.1042, 0.6208,
0.3193

 14.7741, 0.5936,
0.3132

 16.1022, 0.5564,
0.3085

 18.2946, 0.5136,
0.3066

 21.4665, 0.4707,
0.3072

 25.7155, 0.4314,
0.3097

■ 31.1272, 0.3975,
0.3132

■ 37.7788, 0.3693,
0.3172

■ 45.7404, 0.3463,
0.3213

■ 55.0774, 0.3277,
0.3253

Harmonies

Analogous

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



14.1013, 0.5308, 0.2417



14.1013, 0.6208, 0.3193



14.1013, 0.5859, 0.4111

Triad

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



14.1013, 0.6208, 0.3193



14.1013, 0.2107, 0.6150



14.1013, 0.1196, 0.1189

Complementary

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



14.1013, 0.6208, 0.3193



50.3910, 0.2383, 0.3777

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.



14.1013, 0.0833, 0.1400



14.1013, 0.6208, 0.3193



14.1013, 0.1163, 0.3926

Square

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



14.1013, 0.6208, 0.3193



14.1013, 0.3390, 0.6407



14.1013, 0.0798, 0.2152



14.1013, 0.2027, 0.1306

Rectangle

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



14.1013, 0.6208, 0.3193



14.1013, 0.5147, 0.4853



14.1013, 0.0798, 0.2152



14.1013, 0.1033, 0.1218

Sweetspot

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



14.1042, 0.6208, 0.3193



57.0203, 0.3701, 0.3171



14.0642, 0.2787, 0.1309



11.2384, 0.3816, 0.3154



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



14.1042, 0.6208, 0.3193



21.4033, 0.6226, 0.3203



18.4648, 0.5893, 0.3703



12.4511, 0.3268, 0.3255



8.7148, 0.6181, 0.3179



0.5355, 0.5756, 0.2945

Inverse Universe

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



14.1042, 0.6208, 0.3193



21.4033, 0.6226, 0.3203



23.9062, 0.1931, 0.2151



12.4511, 0.3268, 0.3255



8.7148, 0.6181, 0.3179



0.5355, 0.5756, 0.2945

Previews

White Background



This preview shows how the Yxy color 14.1013, 0.6208, 0.3193 looks on a white background.

Color Contrast Check

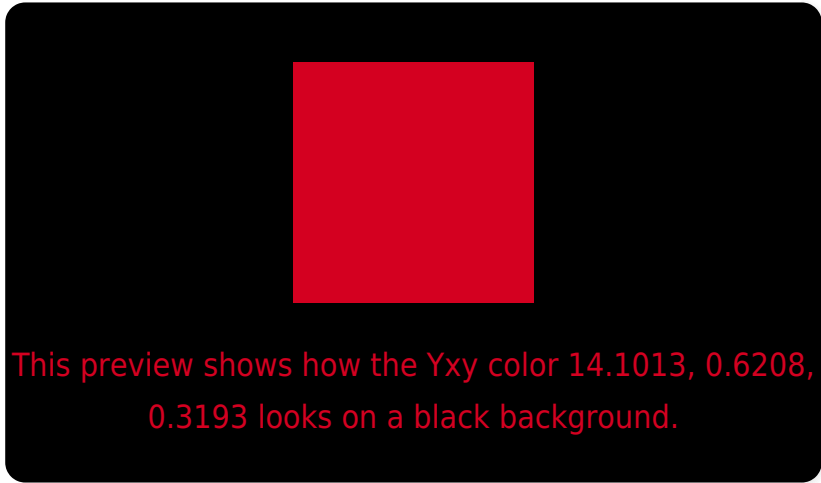
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Yxy 14.1013, 0.6208, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 14.1013, 0.6208, 0.3193.



This preview shows how white text looks on a background with the Yxy color 14.1013, 0.6208, 0.3193.

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

14.1013, 0.6208, 0.3193

Protanopia

14.6853, 0.4020, 0.4378

Deuteranopia

14.7370, 0.4702, 0.4649



Tritanopia

14.3146, 0.6339, 0.3349

Trichromacy



Original Color

14.1013, 0.6208, 0.3193

Protanomaly

11.0960, 0.5128, 0.3630

Deuteranomaly

11.6997, 0.5631, 0.3816

Tritanomaly

14.1384, 0.6315, 0.3299

Monochromacy



Original Color

14.1013, 0.6208, 0.3193

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.9872, 0.4776, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1013, 0.6208, 0.3193 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(212, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 32)  
}
```

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(212, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 32) }
```

Border

The CSS property to change the border of an element to Yxy 14.1013, 0.6208, 0.3193 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(212, 0, 32) }
```

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

```
.border{ border-color:rgb(212, 0, 32) }
```

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

Here you see how a box with a 4 pixel rgb(212, 0, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 32);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 32)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.1013, 0.6208, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 32) }
```

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

```
.background{ background-color: rgb(212, 0,  
32) }
```

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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