

Converting Colors

$Y_{xy}(11.2510, 0.6281, 0.3240)$

Have a look what the booklet for
Yxy(11.2510, 0.6281, 0.3240)
contains.

Yxy(11.2787, 0.6279, 0.3237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.2787, 0.6279, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	C00114
RGB	192, 1, 20
RGB Percent	75%, 0%, 8%
CMY	0.2470, 0.9963, 0.9215
CMYK	0.00, 1.00, 0.90, 0.25
HSL	354°, 99%, 38%
HSV	354°, 100%, 75%
XYZ	21.8780, 11.2787, 1.6864
YIQ	60.2750, 107.7370, 46.4010

Conversions

Conversions Part 2

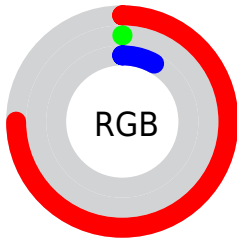
Format	Color
RYB	192, 1, 20
Decimal	12583188
CIELab	40.05, 64.85, 46.78
CIElCh	40, 79.959, 35.804
Yxy	11.2787, 0.6279, 0.3237
Android (android.graphics.Color)	4290773268 (0xFFC00114)
YUV	60.2750, -19.8556, 115.5228
Hunter-Lab	33.5838, 57.5112, 20.5314

Details

The Yxy color **11.2787, 0.6279, 0.3237** 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 **40.7263, 0.2334, 0.3601**, and the grayscale version is **4.5729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8399, 0.5574, 0.3425**, and **4.5892, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.2557, 0.6289, 0.3238**, and if you desaturate by 10%, it is **11.8495, 0.6025, 0.3197**.

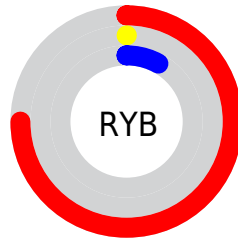
Distribution



Red (75%)

Green (0%)

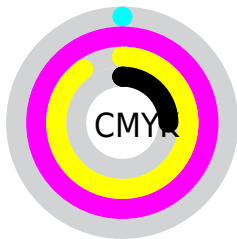
Blue (8%)



Red (75%)

Yellow (0%)

Blue (8%)

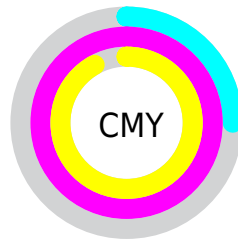


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2787, 0.6279, 0.3237 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 11.2787, 0.6279, 0.3237 by changing the saturation by 10% instead.


 11.2787, 0.6279,
0.3237


 11.2787, 0.6279,
0.3237


199.5697, 0.4455,
0.3493


 6.2546, 0.6776,
0.3053


 28.1744, 0.5588,
0.3421


 3.0005, 0.7302,
0.2698

 40.8148, 0.5332,
0.3459


 1.1320, 0.7887,
0.2113

 56.7627, 0.5119,
0.3481

 0.0051, 0.9972,
0.0028

 76.4027, 0.4941,
0.3492


 0.0000, 1.0000,
0.0000

 100.1189, 0.4791,
0.3497

 0.0000, 0.0000,
0.0000

 128.2959, 0.4662,

0.3497

 161.3181, 0.4551,
0.3496

 11.2787, 0.6279,
0.3237


 11.2787, 0.6279,
0.3237

 11.2557, 0.6289,
0.3238

 11.8495, 0.6025,
0.3197

 12.9547, 0.5655,
0.3163

 14.7572, 0.5216,
0.3148

 17.3469, 0.4769,
0.3151

 20.8004, 0.4359,
0.3166

■ 25.1850, 0.4004,
0.3189

■ 30.5616, 0.3709,
0.3215

■ 36.9856, 0.3469,
0.3241

■ 44.5087, 0.3276,
0.3267

Harmonies

Analogous

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



11.2787, 0.5485, 0.2457



11.2787, 0.6279, 0.3237



11.2787, 0.5820, 0.4180

Triad

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



11.2787, 0.6279, 0.3237



11.2787, 0.1975, 0.6107



11.2787, 0.1213, 0.1156

Complementary

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



11.2787, 0.6279, 0.3237



40.7263, 0.2334, 0.3601

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.



11.2787, 0.0819, 0.1334



11.2787, 0.6279, 0.3237



11.2787, 0.1073, 0.3742

Square

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



11.2787, 0.6279, 0.3237



11.2787, 0.3269, 0.6560



11.2787, 0.0755, 0.2028



11.2787, 0.2100, 0.1299

Rectangle

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



11.2787, 0.6279, 0.3237



11.2787, 0.5052, 0.4948



11.2787, 0.0755, 0.2028



11.2787, 0.1038, 0.1176

Sweetspot

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



11.2794, 0.6279, 0.3237



54.3325, 0.3736, 0.3212



12.7007, 0.2959, 0.1406



10.7361, 0.3856, 0.3201



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.2794, 0.6279, 0.3237



20.3754, 0.6310, 0.3250



16.5711, 0.5689, 0.3859



10.0939, 0.3274, 0.3267



7.5782, 0.6270, 0.3228



0.3331, 0.5867, 0.3005

Inverse Universe

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



11.2794, 0.6279, 0.3237



20.3754, 0.6310, 0.3250



16.2090, 0.1870, 0.1927



10.0939, 0.3274, 0.3267



7.5782, 0.6270, 0.3228



0.3331, 0.5867, 0.3005

Previews

White Background



This preview shows how the Yxy color 11.2787, 0.6279, 0.3237 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 Yxy color 11.2787, 0.6279, 0.3237 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](#).

Yxy 11.2787, 0.6279, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 11.2787, 0.6279, 0.3237.



This preview shows how white text looks on a background with the Yxy color 11.2787, 0.6279, 0.3237.

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

11.2787, 0.6279, 0.3237

Protanopia

11.8711, 0.4129, 0.4542

Deuteranopia

11.7919, 0.4686, 0.4661



Tritanopia

11.5090, 0.6329, 0.3356

Trichromacy



Original Color

11.2787, 0.6279, 0.3237

Protanomaly

9.0331, 0.5252, 0.3760

Deuteranomaly

9.3463, 0.5619, 0.3851

Tritanomaly

11.3546, 0.6321, 0.3314

Monochromacy



Original Color

11.2787, 0.6279, 0.3237

Achromatopsia

4.5186, 0.3127, 0.3290

Achromatomaly

4.8286, 0.4846, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2787, 0.6279, 0.3237 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(192, 1, 20)` looks like.

```
.text, #text, p{  
    color:rgb(192, 1, 20)  
}
```

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(192, 1, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 1, 20) }
```

Border

The CSS property to change the border of an element to Yxy 11.2787, 0.6279, 0.3237 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(192, 1, 20) }
```

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

```
.border{ border-color:rgb(192, 1, 20) }
```

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

Here you see how a box with a 4 pixel rgb(192, 1, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 1, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 1, 20);  
box-shadow:4px 4px 4px 4px rgb(192, 1, 20)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2787, 0.6279, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 1, 20) }
```

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

```
.background{ background-color: rgb(192, 1,  
20) }
```

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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