

Converting Colors

$Yxy(10.2353, 0.6224, 0.3327)$

Have a look what the booklet for
Yxy(10.2353, 0.6224, 0.3327)
contains.

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Color

Yxy(10.2353, 0.6224, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	B4140E
RGB	180, 20, 14
RGB Percent	71%, 8%, 5%
CMY	0.2942, 0.9212, 0.9452
CMYK	0.00, 0.89, 0.92, 0.29
HSL	2°, 86%, 38%
HSV	2°, 92%, 71%
XYZ	19.1477, 10.2353, 1.3813
YIQ	67.1560, 97.2860, 32.0540

Conversions

Conversions Part 2

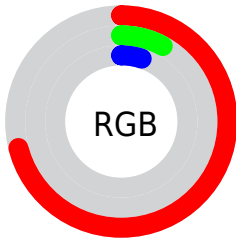
Format	Color
R_{YB}	180, 20, 14
Decimal	11801614
CIE Lab	38.26, 59.22, 46.91
CIE LCh	38, 75.551, 38.381
Yxy	10.2353, 0.6224, 0.3327
Android (android.graphics.Color)	4289991694 (0xFFB4140E)
YUV	67.1560, -26.2059, 98.9642
Hunter-Lab	31.9927, 50.8458, 19.8349

Details

The Yxy color **10.2353, 0.6224, 0.3327** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **33.6063, 0.2229, 0.3184**, and the grayscale version is **5.6779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2256, 0.5531, 0.3497**, and **3.7819, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.8444, 0.6373, 0.3322**, and if you desaturate by 10%, it is **11.1550, 0.5917, 0.3341**.

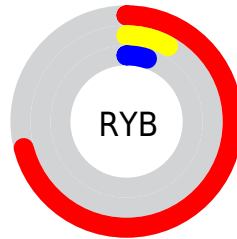
Distribution



Red (71%)

Green (8%)

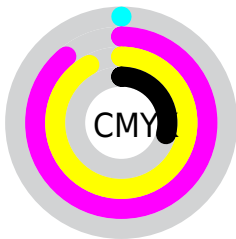
Blue (5%)



Red (71%)

Yellow (8%)

Blue (5%)

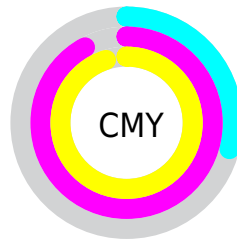


Cyan (0%)

Magenta (89%)

Yellow (92%)

Black (29%)



Cyan (29%)


Magenta (92%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2353, 0.6224, 0.3327 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 10.2353, 0.6224, 0.3327 by changing the saturation by 10% instead.


 10.2353, 0.6224,
0.3327


 10.2353, 0.6224,
0.3327


 192.3433, 0.4412,
0.3533

 5.5552, 0.6765,
0.3163

 26.2371, 0.5533,
0.3498


 2.5766, 0.7233,
0.2767


 38.3277, 0.5278,
0.3529

 0.9149, 0.7851,
0.2149

 53.6573, 0.5067,
0.3544

 0.0000, 1.0000,
0.0000


 72.6102, 0.4891,
0.3549


 0.0000, 0.0000,
0.0000


 95.5708, 0.4742,
0.3549


 122.9236, 0.4616,


0.3545


 155.0530, 0.4507,
0.3540


 10.2353, 0.6224,
0.3327


 10.2353, 0.6224,
0.3327


 9.8444, 0.6373,
0.3322

 11.1550, 0.5917,
0.3341

 12.6410, 0.5496,
0.3349

 14.7657, 0.5031,
0.3349

 17.5898, 0.4581,
0.3343

 21.1675, 0.4181,
0.3334

■ 25.5471, 0.3844,
0.3323

■ 30.7734, 0.3567,
0.3312

■ 36.8875, 0.3343,
0.3302

■ 43.9280, 0.3162,
0.3292

Harmonies

Analogous

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



10.2353, 0.5555, 0.2543



10.2353, 0.6224, 0.3327



10.2353, 0.5711, 0.4289

Triad

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



10.2353, 0.6224, 0.3327



10.2353, 0.1912, 0.5872



10.2353, 0.1294, 0.1186

Complementary

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



10.2353, 0.6224, 0.3327



33.6063, 0.2229, 0.3184

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.



10.2353, 0.0867, 0.1335



10.2353, 0.6224, 0.3327



10.2353, 0.1062, 0.3546

Square

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



10.2353, 0.6224, 0.3327



10.2353, 0.3170, 0.6529



10.2353, 0.0779, 0.1968



10.2353, 0.2227, 0.1354

Rectangle

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



10.2353, 0.6224, 0.3327



10.2353, 0.4941, 0.5059



10.2353, 0.0779, 0.1968



10.2353, 0.1107, 0.1197

Sweetspot

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



10.2359, 0.6224, 0.3327



49.7067, 0.3733, 0.3319



13.0874, 0.3285, 0.1613



9.9202, 0.3859, 0.3324



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



10.2359, 0.6224, 0.3327



17.7818, 0.6381, 0.3315



19.3362, 0.5159, 0.4210



8.5538, 0.3286, 0.3299



6.8947, 0.6367, 0.3326



0.2335, 0.6231, 0.3435

Inverse Universe

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



33.6063, 0.2229, 0.3184



60.3451, 0.2215, 0.3173



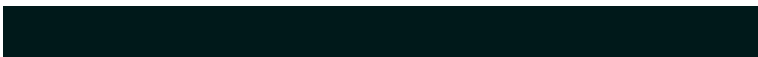
10.9465, 0.1799, 0.1615



9.5768, 0.2986, 0.3281



23.2808, 0.2216, 0.3176



0.7490, 0.2225, 0.3210

Previews

White Background



This preview shows how the Yxy color 10.2353, 0.6224, 0.3327 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 10.2353, 0.6224, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 10.2353, 0.6224, 0.3327.



This preview shows how white text looks on a background with the Yxy color 10.2353, 0.6224, 0.3327.

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

10.2353, 0.6224, 0.3327

Protanopia

10.6266, 0.4197, 0.4625

Deuteranopia

10.5294, 0.4692, 0.4656



Tritanopia

10.2353, 0.6224, 0.3327

Trichromacy



Original Color

10.2353, 0.6224, 0.3327

Protanomaly

8.7877, 0.5164, 0.3955

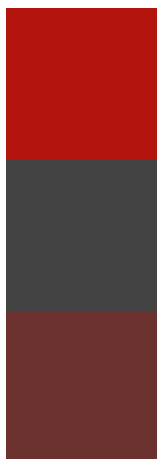
Deuteranomaly

9.0549, 0.5475, 0.3982

Tritanomaly

10.2353, 0.6224, 0.3327

Monochromacy



Original Color

10.2353, 0.6224, 0.3327

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.6827, 0.4617, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2353, 0.6224, 0.3327 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(180, 20, 14)` looks like.

```
.text, #text, p{  
    color:rgb(180, 20, 14)  
}
```

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(180, 20, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 20, 14) }
```

Border

The CSS property to change the border of an element to Yxy 10.2353, 0.6224, 0.3327 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(180, 20, 14) }
```

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

```
.border{ border-color:rgb(180, 20, 14) }
```

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

Here you see how a box with a 4 pixel rgb(180, 20, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 20, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 20, 14);  
box-shadow:4px 4px 4px 4px rgb(180, 20,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 10.2353, 0.6224, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 20, 14) }
```

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

```
.background{ background-color: rgb(180, 20,  
14) }
```

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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