

Converting Colors

YIQ(113.5920, 117.0900,
47.6020)

Have a look what the booklet for
YIQ(113.5920, 117.0900, 47.6020)
contains.

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Color

**YIQ(113.5920, 117.0900,
47.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3341
RGB	255, 51, 65
RGB Percent	100%, 20%, 25%
CMY	0.0000, 0.8003, 0.7446
CMYK	0.00, 0.80, 0.74, 0.00
HSL	356°, 100%, 60%
HSV	356°, 80%, 100%
XYZ	43.3776, 24.0032, 7.3654
YIQ	113.5920, 117.0900, 47.6020

Conversions

Conversions Part 2

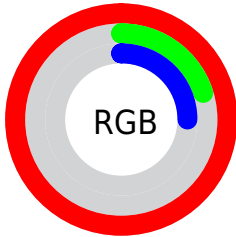
Format	Color
R_{YB}	255, 51, 65
Decimal	16724801
CIE _{Lab}	56.09, 74.22, 42.80
CIE _{LCh}	56, 85.678, 29.973
Yxy	24.0032, 0.5803, 0.3211
Android (android.graphics.Color)	4294914881 (0xFFFF3341)
YUV	113.5920, -23.9559, 124.0148
Hunter-Lab	48.9930, 72.3030, 25.3817

Details

The YIQ color **113.5920, 117.0900, 47.6020** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **192.4080, -117.0900, -47.6020**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8060, 83.5320, 28.0120**, and **58.9050, 105.9030, 46.5990** is the 20% darker color. If you saturate the color by 10%, you get **95.5940, 131.9440, 53.7360**, and if you desaturate by 10%, it is **131.0030, 102.5110, 41.9910**.

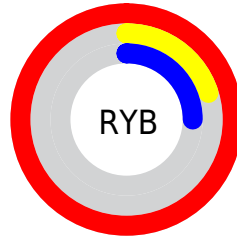
Distribution



Red (100%)

Green (20%)

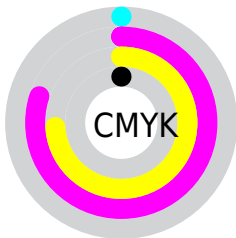
Blue (25%)



Red (100%)

Yellow (20%)

Blue (25%)

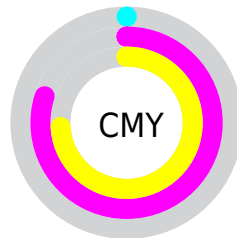


Cyan (0%)

Magenta (80%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.5920, 117.0900, 47.6020 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 YIQ color 113.5920, 117.0900, 47.6020 by changing the saturation by 10% instead.


 113.5920,
117.0900, 47.6020


 113.5920,
117.0900, 47.6020


255.0000, -0.0000,
-0.0000


 71.2800, 118.5090,
60.4370


 157.8060, 83.5320,
28.0120


 59.0190, 105.5820,
46.9100


 178.3800, 66.9360,
20.4080


 46.9430, 93.5720,
33.2840


 198.4810, 50.2940,
13.6380


 37.3750, 74.5000,
26.5000

 219.1690, 33.3770,
6.3450

 28.0350, 54.7860,
20.3380

 239.9710, 16.1390,
-0.6370

 19.1790, 36.5850,
14.2890

 254.3160, 1.9260,

 8.4860, 16.3670,

-1.8660

6.2470

■ 0.0000, 0.0000,
0.0000

■ 113.5920,
117.0900, 47.6020

■ 113.5920,
117.0900, 47.6020

■ 95.5940, 131.9440,
53.7360

■ 131.0030,
102.5110, 41.9910

■ 78.2970, 146.2020,
59.6580

■ 149.0010, 87.6570,
35.8570

■ 166.2980, 73.3990,
29.9350

■ 184.2960, 58.5450,
23.8010

■ 201.7070, 43.9660,
18.1900

■ 219.5910, 29.4330,
11.7450

■ 237.0020, 14.8540,
6.1340

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



96.0860, 105.7570, 93.3170



113.5920, 117.0900, 47.6020



123.5940, 103.2990, -5.3490

Triad

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



113.5920, 117.0900, 47.6020



100.4350, -60.9670, -68.0310



114.1850, -121.7300, 3.4700

Complementary

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



113.5920, 117.0900, 47.6020



192.4080, -117.0900, -47.6020

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.



122.9900, -125.8550, -4.3750



113.5920, 117.0900, 47.6020



111.9030, -87.7470, -45.2430

Square

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



113.5920, 117.0900, 47.6020



114.9490, 10.9230, -60.3170



121.1540, -112.4180, -22.1300



131.8680, -41.6850, 45.1230

Rectangle

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



113.5920, 117.0900, 47.6020



126.6300, 76.1140, -24.7980



121.1540, -112.4180, -22.1300



117.7070, -123.3800, 0.3320

Sweetspot

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



113.5920, 117.0900, 47.6020



212.6950, 35.0720, 14.1760



130.1690, 45.9680, 103.0880



102.2910, 21.4100, 8.4660



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



113.5920, 117.0900, 47.6020



85.1930, 140.5630, 57.2270



161.8910, 98.2090, -1.2070



119.0010, 7.4270, 3.0670



58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Inverse Universe

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



113.5920, 117.0900, 47.6020



85.1930, 140.5630, 57.2270



144.1090, -98.2090, 1.2070



119.0010, 7.4270, 3.0670



58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 113.5920, 117.0900, 47.6020 looks on a white background.

Color Contrast Check

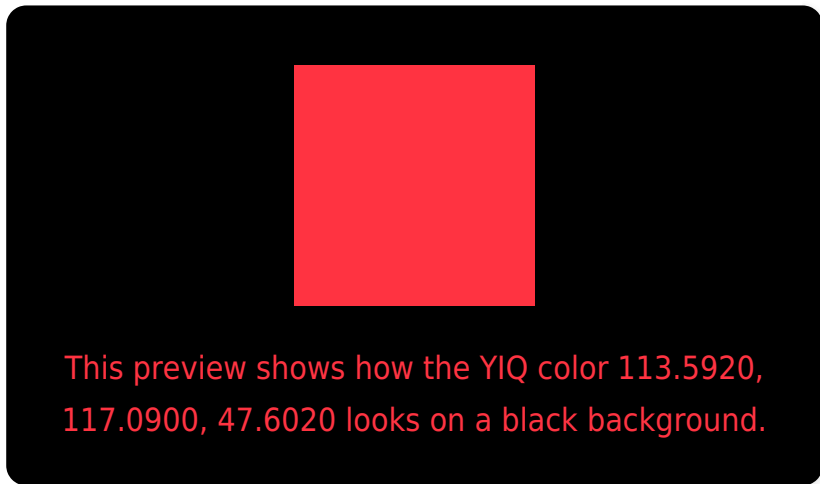
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

YIQ 113.5920, 117.0900, 47.6020

Background



This preview shows how black text looks on a background with the YIQ color 113.5920, 117.0900, 47.6020.



This preview shows how white text looks on a background with the YIQ color 113.5920, 117.0900,

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

113.5920, 117.0900, 47.6020

Protanopia

133.3870, 20.3590, -11.0410

Deuteranopia

131.2960, 48.2360, -15.1560



Tritanopia

113.3980, 120.3920, 42.8240

Trichromacy



Original Color

113.5920, 117.0900, 47.6020

Protanomaly

126.0100, 55.9340, 10.5420

Deuteranomaly

124.9980, 73.4030, 7.8270

Tritanomaly

113.2670, 119.3830, 44.5910

Monochromacy



Original Color

113.5920, 117.0900, 47.6020

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.6960, 42.4990, 17.2430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5920, 117.0900, 47.6020 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(255, 51, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 65)  
}
```

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(255, 51, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 65) }
```

Border

The CSS property to change the border of an element to YIQ 113.5920, 117.0900, 47.6020 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(255, 51, 65) }
```


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

```
.border{ border-color:rgb(255, 51, 65) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5920, 117.0900, 47.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 65) }
```

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

```
.background{ background-color: rgb(255, 51,  
65) }
```

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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