

Converting Colors

YIQ(143.5270, 20.5720, 78.7480)

Have a look what the booklet for
YIQ(143.5270, 20.5720, 78.7480)
contains.

| | |
|--|----|
| YIQ(143.5270, 20.5720, 78.7480) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(143.5270, 20.5720,
78.7480)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D457FF |
| RGB | 212, 87, 255 |
| RGB Percent | 83%, 34%, 100% |
| CMY | 0.1682, 0.6590, 0.0000 |
| CMYK | 0.17, 0.66, 0.00, 0.00 |
| HSL | 285°, 100%, 67% |
| HSV | 285°, 66%, 100% |
| XYZ | 48.6329, 28.0394, 97.4462 |
| YIQ | 143.5270, 20.5720, 78.7480 |

Conversions

Conversions Part 2

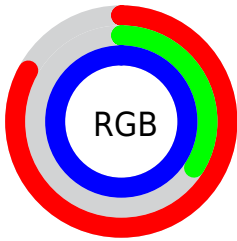
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 212, 87, 255 |
| Decimal | 13916159 |
| CIE _{Lab} | 59.92, 72.65, -61.83 |
| CIE _{LCh} | 60, 95.404, 319.600 |
| Y _{xy} | 28.0394, 0.2793, 0.1610 |
| Android (android.graphics.Color) | 4292106239 (0xFFD457FF) |
| Y _{UV} | 143.5270, 54.9562, 60.0508 |
| Hunter-Lab | 52.9523, 71.2731, -72.0427 |

Details

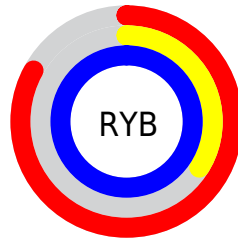
The YIQ color **143.5270, 20.5720, 78.7480** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **198.4730, -20.5720, -78.7480**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 30.5250, 58.0530**, and **77.5970, 23.5510, 85.3350** is the 20% darker color. If you saturate the color by 10%, you get **126.4710, 24.1460, 91.0740**, and if you desaturate by 10%, it is **160.2950, 17.8690, 67.1570**.

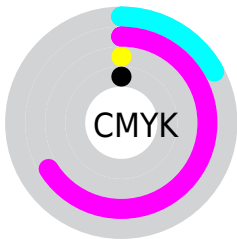
Distribution



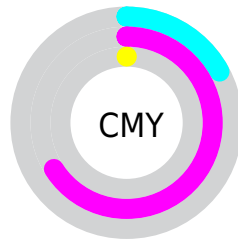
- Red (83%)
- Green (34%)
- Blue (100%)



- Red (83%)
- Yellow (34%)
- Blue (100%)



- Cyan (17%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.5270, 20.5720, 78.7480 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 143.5270, 20.5720, 78.7480 by changing the saturation by 10% instead.

143.5270, 20.5720,
78.7480

143.5270, 20.5720,
78.7480

255.0000, -0.0000,
-0.0000

113.0540, 20.5260,
79.5820

189.8430, 30.5250,
58.0530

77.5970, 23.5510,
85.3350

206.8660, 22.5500,
42.8860

56.3420, 19.6550,
78.8470

223.8890, 14.5750,
27.7190

44.8920, 11.6340,
64.5140

241.4990, 6.3250,
12.0290

32.9580, 2.1000,
50.0680

22.3340, -5.3710,
36.7810

7.5240, -21.1860,

20.5260

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 143.5270, 20.5720,
78.7480

■ 143.5270, 20.5720,
78.7480

■ 126.4710, 24.1460,
91.0740

■ 160.2950, 17.8690,
67.1570

■ 109.7030, 26.8490,
102.6650

■ 177.3510, 14.2950,
54.8310

■ 92.6470, 30.4230,
114.9910

■ 194.1190, 11.5920,
43.2400

■ 85.8800, 31.3850,
119.5850

■ 211.1750, 8.0180,
30.9140

■ 227.9430, 5.3150,
19.3230

■ 244.9990, 1.7410,
6.9970

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.



108.9020, -119.2550, 8.1770



143.5270, 20.5720, 78.7480



96.4230, 95.1630, 109.1070

Triad

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



143.5270, 20.5720, 78.7480



135.8110, 82.8540, -25.8020



127.7590, -113.1040, -31.7280

Complementary

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



143.5270, 20.5720, 78.7480



198.4730, -20.5720, -78.7480

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.



116.5530, -84.3060, -58.0500



143.5270, 20.5720, 78.7480



128.9360, 30.1330, -56.0350

Square

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



143.5270, 20.5720, 78.7480



126.7270, 128.3300, 9.0820



100.3770, -47.0250, -89.4330



132.3820, -130.2550, -12.7430

Rectangle

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



143.5270, 20.5720, 78.7480



90.1530, 112.8180, 92.0020



100.3770, -47.0250, -89.4330



124.4530, -103.7950, -40.7470

Sweetspot

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



143.5270, 20.5720, 78.7480



221.1760, 6.2770, 23.9170



132.5670, -66.3030, 28.7130



107.4110, 3.7570, 14.5170



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.



143.5270, 20.5720, 78.7480



121.7640, 24.8790, 94.3110



151.9380, 58.7190, 75.7350



119.1730, 1.1910, 5.9510



64.2320, 23.3210, 89.5050



21.3490, 7.4680, 29.8680

Inverse Universe

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



142.1340, 86.3250, 48.9890



119.9130, 103.4250, 58.4730



190.0620, -58.7190, -75.7350



119.2290, 6.7850, 3.6890



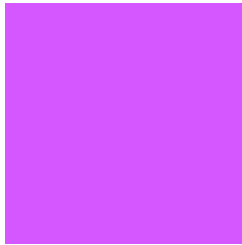
62.6950, 98.1070, 55.7310



20.9600, 33.0080, 18.5440

Previews

White Background



This preview shows how the YIQ color 143.5270, 20.5720, 78.7480 looks on a white background.

Color Contrast Check

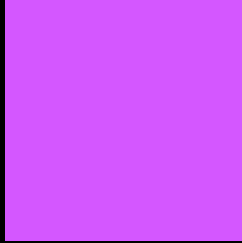
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 143.5270, 20.5720, 78.7480 looks on a 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 143.5270, 20.5720, 78.7480

Background



This preview shows how black text looks on a background with the YIQ color 143.5270, 20.5720, 78.7480.



This preview shows how white text looks on a background with the YIQ color 143.5270, 20.5720,

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

143.5270, 20.5720, 78.7480

Protanopia

138.7470, -66.9900, 24.6420

Deuteranopia

135.3450, -74.9660, 15.0020



Tritanopia

146.3690, 39.1060, 18.1620

Trichromacy



Original Color

143.5270, 20.5720, 78.7480



Protanomaly

140.1630, -35.2660, 44.4300



Deuteranomaly

138.7230, -40.0790, 38.0410



Tritanomaly

145.5480, 32.1330, 39.9170

Monochromacy



Original Color

143.5270, 20.5720, 78.7480



Achromatopsia

144.0000, -0.0000, 0.0000



Achromatomaly

143.7080, 7.8350, 28.7230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.5270, 20.5720, 78.7480 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, 87, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 87, 255)  
}
```

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, 87, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 87, 255) }
```

Border

The CSS property to change the border of an element to YIQ 143.5270, 20.5720, 78.7480 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, 87, 255) }
```


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

```
.border{ border-color:rgb(212, 87, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 87, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 87, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 87, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 87,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 143.5270, 20.5720, 78.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 87, 255) }
```

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

```
.background{ background-color: rgb(212, 87,  
255) }
```

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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