

Converting Colors

YIQ(105.5720, 25.8400,
104.4320)

Have a look what the booklet for
YIQ(105.5720, 25.8400, 104.4320)
contains.

YIQ(105.5720, 25.8400, 104.4320)	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(105.5720, 25.8400,
104.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	C31FFF
RGB	195, 31, 255
RGB Percent	76%, 12%, 100%
CMY	0.2348, 0.8787, 0.0001
CMYK	0.23, 0.88, 0.00, 0.00
HSL	284°, 100%, 56%
HSV	284°, 88%, 100%
XYZ	41.0759, 19.8153, 96.2523
YIQ	105.5720, 25.8400, 104.4320

Conversions

Conversions Part 2

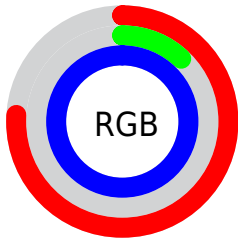
Format	Color
R _Y B	195, 31, 255
Decimal	12787711
CIE Lab	51.63, 86.53, -75.35
CIE LCh	52, 114.733, 318.950
Yxy	19.8153, 0.2614, 0.1261
Android (android.graphics.Color)	4290977791 (0xFFC31FFF)
YUV	105.5720, 73.6680, 78.4284
Hunter-Lab	44.5144, 86.8114, -97.0410

Details

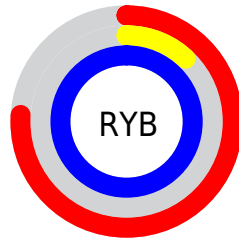
The YIQ color $105.5720, 25.8400, 104.4320$ is a light color, and the websafe version is hex $CC00FF$. The color can be described as light washed magenta. A complement of this color would be $180.4280, -25.8400, -104.4320$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $166.3630, 41.5250, 78.9730$, and $62.8230, 17.2230, 89.8870$ is the 20% darker color. If you saturate the color by 10%, you get $88.2170, 28.8180, 116.5460$, and if you desaturate by 10%, it is $122.3400, 23.1370, 92.8410$.

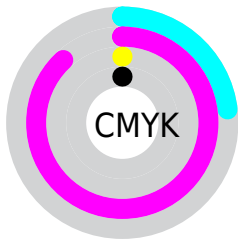
Distribution



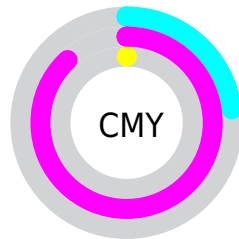
- Red (76%)
- Green (12%)
- Blue (100%)



- Red (76%)
- Yellow (12%)
- Blue (100%)



- Cyan (23%)
- Magenta (88%)
- Yellow (0%)
- Black (0%)




- Cyan (23%)
- Magenta (88%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 105.5720, 25.8400, 104.4320 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 105.5720, 25.8400, 104.4320 by changing the saturation by 10% instead.


 105.5720, 25.8400,
104.4320


 105.5720, 25.8400,
104.4320

255.0000, -0.0000,
-0.0000


 75.0990, 25.7940,
105.2660


 166.3630, 41.5250,
78.9730


 62.8230, 17.2230,
89.8870


 183.9730, 33.2750,
63.2830

 50.3620, 7.7350,
74.6070


 201.5830, 25.0250,
47.5930

 38.0150, -2.0740,
59.6380

 219.1930, 16.7750,
31.9030

 25.6680, -11.8830,
44.6690

 236.8030, 8.5250,
16.2130

 10.1460, -28.5690,
27.6790

254.4130, 0.2750,

 7.9970, -21.1400,

0.5230

19.6920

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 105.5720, 25.8400,
104.4320

■ 105.5720, 25.8400,
104.4320

■ 88.2170, 28.8180,
116.5460

■ 122.3400, 23.1370,
92.8410

■ 84.9830, 29.5970,
118.9490

■ 139.6950, 20.1590,
80.7270

■ 156.4630, 17.4560,
69.1360

■ 173.5190, 13.8820,
56.8100

■ 190.2870, 11.1790,
45.2190

■ 207.6420, 8.2010,
33.1050

■ 224.4100, 5.4980,
21.5140

■ 241.7650, 2.5200,
9.4000

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.



97.1620, -113.7550, 18.6370



105.5720, 25.8400, 104.4320



94.9410, 99.3360, 105.0640

Triad

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



105.5720, 25.8400, 104.4320



116.0420, 78.1300, -17.2780



114.4230, -103.1100, -25.6220

Complementary

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



105.5720, 25.8400, 104.4320



180.4280, -25.8400, -104.4320

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.



100.9200, -69.2220, -56.0860



105.5720, 25.8400, 104.4320



107.0300, 15.3690, -52.7830

Square

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



105.5720, 25.8400, 104.4320



86.1690, 139.9700, 40.4340



88.6370, -41.5250, -78.9730



122.4030, -125.5800, -3.8520

Rectangle

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



105.5720, 25.8400, 104.4320



87.6450, 119.8800, 85.1600



88.6370, -41.5250, -78.9730



109.9600, -91.9210, -35.6730

Sweetspot

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



105.5720, 25.8400, 104.4320



210.8760, 7.4220, 30.7020



93.5170, -89.2290, 36.7150



101.2310, 4.4440, 18.5880



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.



105.5720, 25.8400, 104.4320



84.9830, 29.5970, 118.9490



117.9260, 77.3290, 101.9130



119.1730, 1.1910, 5.9510



63.6340, 22.1290, 89.0810



21.3490, 7.4680, 29.8680

Inverse Universe

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



104.8160, 114.2440, 66.1480



83.9970, 130.1520, 75.2080



167.9600, -77.0080, -102.2240



119.2290, 6.7850, 3.6890



62.9230, 97.4650, 56.3530



21.0740, 32.6870, 18.8550

Previews

White Background



This preview shows how the YIQ color 105.5720, 25.8400, 104.4320 looks on a white background.

Color Contrast Check

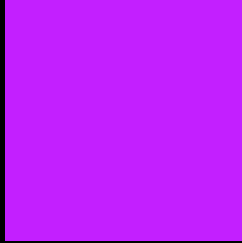
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.5720, 25.8400, 104.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

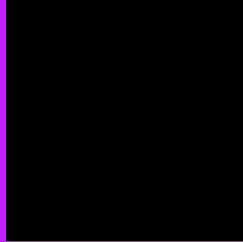
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 105.5720, 25.8400, 104.4320

Background



This preview shows how black text looks on a background with the YIQ color 105.5720, 25.8400, 104.4320.



This preview shows how white text looks on a background with the YIQ color 105.5720, 25.8400,

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

105.5720, 25.8400, 104.4320

Protanopia

98.4670, -113.2960, 15.8240

Deuteranopia

98.9280, -104.9490, 2.2110



Tritanopia

124.7280, 39.4730, 17.0170

Trichromacy



Original Color

105.5720, 25.8400, 104.4320



Protanomaly

101.0260, -62.5010, 47.9230



Deuteranomaly

101.0940, -57.1810, 39.6110



Tritanomaly

117.9000, 34.3780, 48.7940

Monochromacy



Original Color

105.5720, 25.8400, 104.4320



Achromatopsia

106.0000, -0.0000, -0.0000



Achromatomaly

105.8750, 9.1630, 37.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.5720, 25.8400, 104.4320 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(195, 31, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 31, 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(195, 31, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 31, 255) }
```

Border

The CSS property to change the border of an element to YIQ 105.5720, 25.8400, 104.4320 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(195, 31, 255) }
```


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

```
.border{ border-color:rgb(195, 31, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 31, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 31, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 31, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 31,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 105.5720, 25.8400, 104.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 31, 255) }
```

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

```
.background{ background-color: rgb(195, 31,  
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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