

Converting Colors

YIQ(152.7320, 25.6230, 36.7510)

Have a look what the booklet for
YIQ(152.7320, 25.6230, 36.7510)
contains.

YIQ(152.7320, 25.6230, 36.7510)	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(152.7320, 25.6230,
36.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	C87ABB
RGB	200, 122, 187
RGB Percent	78%, 48%, 73%
CMY	0.2155, 0.5217, 0.2666
CMYK	0.00, 0.39, 0.07, 0.22
HSL	310°, 42%, 63%
HSV	310°, 39%, 78%
XYZ	39.7614, 29.7868, 50.6748
YIQ	152.7320, 25.6230, 36.7510

Conversions

Conversions Part 2

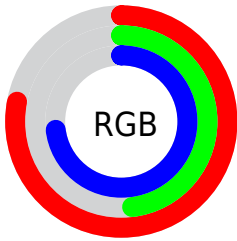
Format	Color
R_{YB}	200, 122, 187
Decimal	13138619
CIE _{Lab}	61.47, 40.03, -21.42
CIE _{LCh}	61, 45.399, 331.844
Yxy	29.7868, 0.3307, 0.2478
Android (android.graphics.Color)	4291328699 (0xFFC87ABB)
YUV	152.7320, 16.8941, 41.4540
Hunter-Lab	54.5773, 34.5331, -16.8465

Details

The YIQ color $152.7320, 25.6230, 36.7510$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $169.2680, -25.6230, -36.7510$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $207.2590, 25.5770, 37.5850$, and $100.3080, 23.8810, 35.2810$ is the 20% darker color. If you saturate the color by 10%, you get $140.6500, 32.0860, 46.2780$, and if you desaturate by 10%, it is $164.8140, 19.1600, 27.2240$.

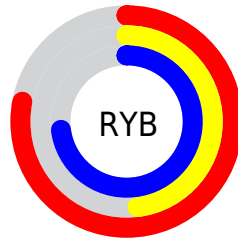
Distribution



Red (78%)

Green (48%)

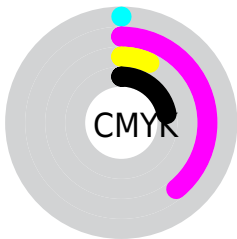
Blue (73%)



Red (78%)

Yellow (48%)

Blue (73%)

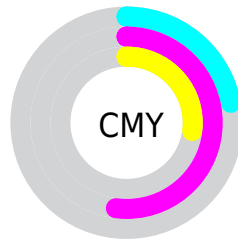


Cyan (0%)

Magenta (39%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.7320, 25.6230, 36.7510 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 152.7320, 25.6230, 36.7510 by changing the saturation by 10% instead.


 152.7320, 25.6230,
36.7510


 152.7320, 25.6230,
36.7510


255.0000, -0.0000,
-0.0000

 126.0200, 24.7520,
36.0160


 207.2590, 25.5770,
37.5850


 100.3080, 23.8810,
35.2810


 225.0630, 14.0250,
26.6730

 74.5960, 23.0100,
34.5460

 241.4990, 6.3250,
12.0290

 48.2370, 22.6430,
35.6910

 26.8730, 20.6720,
32.8640

 17.9010, 14.3010,
21.6690

 2.1230, -4.5400,

5.1880

■ 0.0000, 0.0000,
0.0000

■ 152.7320, 25.6230,
36.7510

■ 152.7320, 25.6230,
36.7510

■ 140.6500, 32.0860,
46.2780

■ 164.8140, 19.1600,
27.2240

■ 128.4540, 38.8700,
55.4940

■ 177.0100, 12.3760,
18.0080

■ 116.3720, 45.3330,
65.0210

■ 189.0920, 5.9130,
8.4810

■ 104.2900, 51.7960,
74.5480

■ 201.1740, -0.5500,
-1.0460

■ 92.0940, 58.5800,
83.7640

■ 213.3700, -7.3340,
-10.2620

80.0120, 65.0430,
93.2910

225.4520,
-13.7970, -19.7890

78.8380, 65.5930,
94.3370

233.4250,
-18.3350, -25.6550

233.8810,
-19.6190, -24.4110

234.2230,
-20.5820, -23.4780

Harmonies

Analogous

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



151.2030, -15.5480, 28.4840



152.7320, 25.6230, 36.7510



150.1680, 53.4540, 33.4700

Triad

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



152.7320, 25.6230, 36.7510



144.5290, 40.0300, -20.6260



120.2760, -107.1900, -28.7740

Complementary

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



152.7320, 25.6230, 36.7510



169.2680, -25.6230, -36.7510

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.



116.3030, -94.6250, -41.7370



152.7320, 25.6230, 36.7510



140.2090, 8.3960, -31.0280

Square

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



152.7320, 25.6230, 36.7510



147.3610, 58.7790, -2.4770



132.5920, -35.3430, -36.8070



120.0600, -114.8490, -16.6170

Rectangle

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



152.7320, 25.6230, 36.7510



148.8620, 62.7630, 24.4510



132.5920, -35.3430, -36.8070



119.3810, -103.2920, -33.3400

Sweetspot

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



152.7320, 25.6230, 36.7510



236.2330, 10.1300, 14.6580



134.7790, -17.2900, 27.0140



117.0920, 5.9130, 8.4810



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.



152.7320, 25.6230, 36.7510



182.2800, 39.4200, 56.5400



148.2860, 38.1420, 24.6220



93.6030, 2.7960, 4.3960



64.2410, 53.4920, 76.8520



14.1840, 11.8260, 16.9620

Inverse Universe

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



152.7320, 25.6230, 36.7510



182.2800, 39.4200, 56.5400



173.7140, -38.1420, -24.6220



93.6030, 2.7960, 4.3960



64.2410, 53.4920, 76.8520



14.1840, 11.8260, 16.9620

Previews

White Background



This preview shows how the YIQ color 152.7320, 25.6230, 36.7510 looks on a white background.

Color Contrast Check

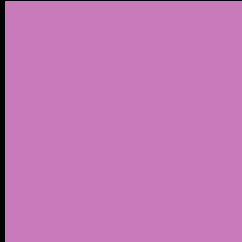
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.7320, 25.6230, 36.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

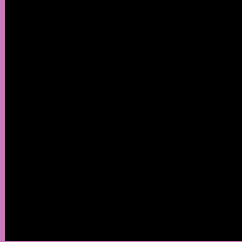
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 152.7320, 25.6230, 36.7510

Background



This preview shows how black text looks on a background with the YIQ color 152.7320, 25.6230, 36.7510.



This preview shows how white text looks on a background with the YIQ color 152.7320, 25.6230,

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

152.7320, 25.6230, 36.7510

Protanopia

148.8280, -28.1540, 14.6460

Deuteranopia

150.2180, -11.8770, 11.5070



Tritanopia

150.9770, 34.3380, 16.4660

Trichromacy



Original Color

152.7320, 25.6230, 36.7510

Protanomaly

150.2220, -8.5320, 22.4760

Deuteranomaly

151.0290, 2.1970, 20.7650

Tritanomaly

151.7520, 30.8980, 23.7460

Monochromacy



Original Color

152.7320, 25.6230, 36.7510

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.9940, 9.3050, 13.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.7320, 25.6230, 36.7510 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(200, 122, 187)` looks like.

```
.text, #text, p{  
    color:rgb(200, 122, 187)  
}
```

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(200, 122, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 122, 187) }
```

Border

The CSS property to change the border of an element to YIQ 152.7320, 25.6230, 36.7510 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(200, 122, 187) }
```


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

```
.border{ border-color:rgb(200, 122, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 122, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 122, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 122, 187);  
box-shadow:4px 4px 4px 4px rgb(200, 122,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 152.7320, 25.6230, 36.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 122, 187) }
```

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

```
.background{ background-color: rgb(200,  
122, 187) }
```

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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