

Converting Colors

YIQ(97.7520, -3.4920, 41.2760)

Have a look what the booklet for
YIQ(97.7520, -3.4920, 41.2760)
contains.

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Color

**YIQ(97.7520, -3.4920,
41.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	7848AC
RGB	120, 72, 172
RGB Percent	47%, 28%, 67%
CMY	0.5292, 0.7177, 0.3256
CMYK	0.30, 0.58, 0.00, 0.33
HSL	269°, 41%, 48%
HSV	269°, 58%, 67%
XYZ	17.5122, 11.6061, 40.3352
YIQ	97.7520, -3.4920, 41.2760

Conversions

Conversions Part 2

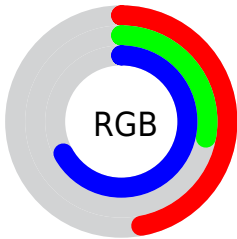
Format	Color
R_{YB}	120, 72, 172
Decimal	7882924
CIE _{Lab}	40.58, 40.62, -46.08
CIE _{LCh}	41, 61.430, 311.397
Yxy	11.6061, 0.2521, 0.1671
Android (android.graphics.Color)	4286073004 (0xFF7848AC)
YUV	97.7520, 36.6043, 19.5115
Hunter-Lab	34.0677, 32.1377, -46.3502

Details

The YIQ color $97.7520, -3.4920, 41.2760$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $146.2480, 3.4920, -41.2760$, and the grayscale version is $97.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $150.5180, -2.7130, 43.6790$, and $47.1000, -4.5920, 39.1840$ is the 20% darker color. If you saturate the color by 10%, you get $85.0820, -4.1810, 48.2590$, and if you desaturate by 10%, it is $110.4220, -2.8030, 34.2930$.

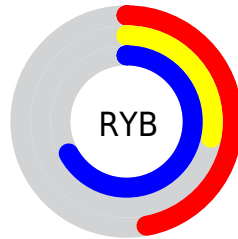
Distribution



Red (47%)

Green (28%)

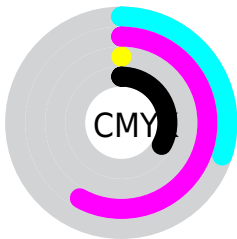
Blue (67%)



Red (47%)

Yellow (28%)

Blue (67%)

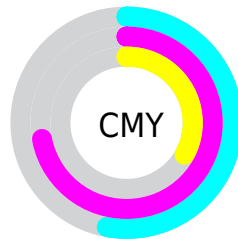


Cyan (30%)

Magenta (58%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (72%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.7520, -3.4920, 41.2760 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 97.7520, -3.4920, 41.2760 by changing the saturation by 10% instead.

■ 97.7520, -3.4920,
41.2760

■ 97.7520, -3.4920,
41.2760

■ 255.0000, -0.0000,
-0.0000

■ 72.5130, -4.3170,
39.7070

■ 149.9310, -2.4380,
44.2020

■ 47.1000, -4.5920,
39.1840

■ 177.5290, -1.2460,
44.6260

■ 22.6760, -6.3340,
37.7140

■ 202.0490, 8.6130,
36.6530

■ 12.9490, -12.0170,
25.0630

■ 225.0630, 14.0250,
26.6730

■ 7.5920, -15.8660,
12.2140

■ 241.4990, 6.3250,
12.0290

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,

0.0000

■ 97.7520, -3.4920,
41.2760

■ 97.7520, -3.4920,
41.2760

■ 85.0820, -4.1810,
48.2590

■ 110.4220, -2.8030,
34.2930

■ 72.4120, -4.8700,
55.2420

■ 123.0920, -2.1140,
27.3100

■ 59.1550, -5.2840,
62.7480

■ 136.3490, -1.7000,
19.8040

■ 46.4850, -5.9730,
69.7310

■ 149.0190, -1.0110,
12.8210

■ 44.4250, -5.7440,
71.0880

■ 161.6890, -0.3220,
5.8380

■ 174.3590, 0.3670,
-1.1450

■ 187.0290, 1.0560,
-8.1280

■ 199.9870, 0.8740,
-15.8460

■ 212.6570, 1.5630,
-22.8290

Harmonies

Analogous

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



78.5820, -88.9950, 10.4370



97.7520, -3.4920, 41.2760



89.5920, 47.1690, 53.7690

Triad

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



97.7520, -3.4920, 41.2760



89.7060, 61.7610, -12.4710



81.6750, -68.7690, -25.7370

Complementary

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



97.7520, -3.4920, 41.2760



146.2480, 3.4920, -41.2760

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.



75.0460, -51.4810, -41.6970



97.7520, -3.4920, 41.2760



88.3010, 31.5040, -31.3120

Square

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



97.7520, -3.4920, 41.2760



87.4210, 76.8860, 16.2940



75.9320, -7.6020, -49.4740



86.5600, -83.9020, -10.2860

Rectangle

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



97.7520, -3.4920, 41.2760



82.6730, 68.8100, 52.5380



75.9320, -7.6020, -49.4740



79.7370, -63.3120, -31.0240

Sweetspot

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



97.7520, -3.4920, 41.2760



196.0130, -0.8740, 15.8460



114.5110, -46.6750, 3.3810



95.7970, -0.5060, 9.1740



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



97.7520, -3.4920, 41.2760



107.6220, -5.1010, 64.9390



112.4030, 25.7120, 51.6640



80.2220, -0.5050, 3.6470



38.6280, -5.2380, 61.9140



5.9110, -0.8270, 9.4850

Inverse Universe

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



107.8280, 42.9080, 37.3720



123.2910, 67.2500, 58.7860



131.5970, -25.7120, -51.6640



81.2610, 3.7590, 3.4630



53.7420, 64.3620, 56.0580



8.2450, 9.8560, 8.6080

Previews

White Background



This preview shows how the YIQ color 97.7520, -3.4920, 41.2760 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



This preview shows how the YIQ color 97.7520, -3.4920, 41.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

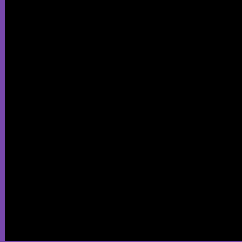
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.7520, -3.4920, 41.2760

Background



This preview shows how black text looks on a background with the YIQ color 97.7520, -3.4920, 41.2760.



This preview shows how white text looks on a background with the YIQ color 97.7520, -3.4920,

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

97.7520, -3.4920, 41.2760

Protanopia

83.7690, -73.2240, 16.4720

Deuteranopia

87.6380, -57.0380, 9.4740



Tritanopia

96.9840, 6.0970, 5.1450

Trichromacy



Original Color

97.7520, -3.4920, 41.2760

Protanomaly

88.6260, -47.5960, 25.5880

Deuteranomaly

91.2540, -37.9210, 20.9510

Tritanomaly

97.4480, 2.3350, 18.2630

Monochromacy



Original Color

97.7520, -3.4920, 41.2760

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.1870, -1.4240, 14.8000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.7520, -3.4920, 41.2760 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(120, 72, 172)` looks like.

```
.text, #text, p{  
    color:rgb(120, 72, 172)  
}
```

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(120, 72, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 72, 172) }
```

Border

The CSS property to change the border of an element to YIQ 97.7520, -3.4920, 41.2760 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(120, 72, 172) }
```


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

```
.border{ border-color:rgb(120, 72, 172) }
```

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

Here you see how a box with a 4 pixel rgb(120, 72, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 72, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 72, 172);  
box-shadow:4px 4px 4px 4px rgb(120, 72,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 97.7520, -3.4920, 41.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 72, 172) }
```

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

```
.background{ background-color: rgb(120, 72,  
172) }
```

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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