

Converting Colors

YIQ(47.0460, 12.6950, 28.7510)

Have a look what the booklet for
YIQ(47.0460, 12.6950, 28.7510)
contains.

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Color

**YIQ(47.0460, 12.6950,
28.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1952
RGB	77, 25, 82
RGB Percent	30%, 10%, 32%
CMY	0.6979, 0.9020, 0.6784
CMYK	0.06, 0.70, 0.00, 0.68
HSL	295°, 53%, 21%
HSV	295°, 70%, 32%
XYZ	4.9341, 2.8830, 8.2794
YIQ	47.0460, 12.6950, 28.7510

Conversions

Conversions Part 2

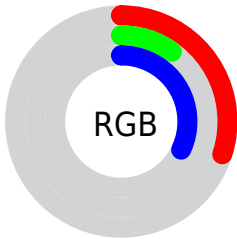
Format	Color
R_{YB}	77, 25, 82
Decimal	5052754
CIE _{Lab}	19.57, 33.20, -23.40
CIE _{LCh}	20, 40.624, 324.821
Yxy	2.8830, 0.3065, 0.1791
Android (android.graphics.Color)	4283242834 (0xFF4D1952)
YUV	47.0460, 17.2323, 26.2697
Hunter-Lab	16.9795, 22.1562, -17.0249

Details

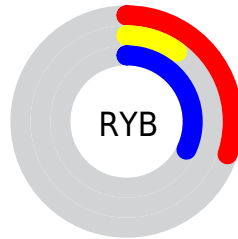
The YIQ color **47.0460, 12.6950, 28.7510** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.9540, -12.6950, -28.7510**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1710, 13.8410, 30.0090**, and **14.3840, 8.3870, 18.7150** is the 20% darker color. If you saturate the color by 10%, you get **42.0510, 14.2990, 32.7230**, and if you desaturate by 10%, it is **52.0410, 11.0910, 24.7790**.

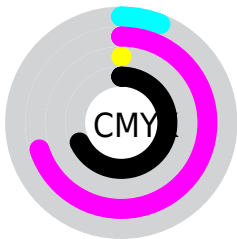
Distribution



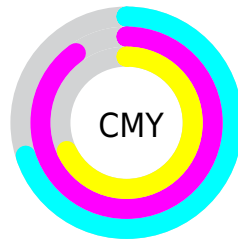
- Red (30%)
- Green (10%)
- Blue (32%)



- Red (30%)
- Yellow (10%)
- Blue (32%)



- Cyan (6%)
- Magenta (70%)
- Yellow (0%)
- Black (68%)



- Cyan (70%)
- Magenta (90%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.0460, 12.6950, 28.7510 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 47.0460, 12.6950, 28.7510 by changing the saturation by 10% instead.

■ 47.0460, 12.6950,
28.7510

■ 47.0460, 12.6950,
28.7510

■ 255.0000, -0.0000,
-0.0000

■ 22.5730, 12.6490,
29.5850

■ 96.1710, 13.8410,
30.0090

■ 14.3840, 8.3870,
18.7150

■ 121.8830, 14.7120,
30.7440

■ 2.0690, -4.4480,
3.5200

■ 147.7090, 15.2620,
31.7900

■ 0.0000, 0.0000,
0.0000

■ 174.5350, 15.8120,
32.8360

■ 202.2470, 16.6830,
33.5710

■ 225.0630, 14.0250,

26.6730

242.0860, 6.0500,
11.5060

47.0460, 12.6950,
28.7510

47.0460, 12.6950,
28.7510

42.0510, 14.2990,
32.7230

52.0410, 11.0910,
24.7790

37.3550, 16.4990,
36.9070

56.7370, 8.8910,
20.5950

31.7730, 18.3780,
41.4020

62.3190, 7.0120,
16.1000

67.3140, 5.4080,
12.1280

72.3090, 3.8040,
8.1560

■ 77.0050, 1.6040,
3.9720

■ 82.0000, 0.0000,
-0.0000

■ 87.5820, -1.8790,
-4.4950

■ 92.2780, -4.0790,
-8.6790

Harmonies

Analogous

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



45.2520, -26.4120, 16.1160



47.0460, 12.6950, 28.7510



38.9690, 37.9570, 33.4850

Triad

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



47.0460, 12.6950, 28.7510



44.9640, 26.0440, -9.4440



43.4280, -39.6120, -8.9880

Complementary

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



47.0460, 12.6950, 28.7510



59.9540, -12.6950, -28.7510

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.



39.8940, -29.6610, -18.6290



47.0460, 12.6950, 28.7510



41.8750, 6.8810, -20.0870

Square

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



47.0460, 12.6950, 28.7510



43.6120, 42.1350, 1.8070



34.9580, -18.5180, -27.8460



44.9900, -46.7660, -0.4780

Rectangle

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



47.0460, 12.6950, 28.7510



37.2870, 45.5690, 27.6890



34.9580, -18.5180, -27.8460



42.2880, -36.4020, -12.0980

Sweetspot

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



47.0460, 12.6950, 28.7510



93.4880, 4.8580, 11.0820



35.0200, -19.9470, 14.5890



45.1840, 2.6580, 6.8980



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



47.0460, 12.6950, 28.7510



52.3650, 19.7070, 44.8510



45.9190, 23.0580, 22.6580



38.3530, 0.5040, 1.8800



40.3750, 22.9150, 52.7950



89.8360, 51.8800, 117.0960

Inverse Universe

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



42.6130, 32.3670, 13.6390



45.5230, 50.4760, 21.3560



61.0810, -23.0580, -22.6580



38.1960, 2.3840, 0.8480



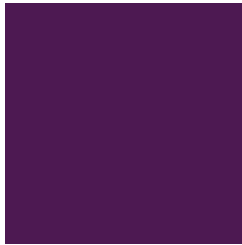
32.4210, 59.6910, 25.0590



71.6480, 131.8520, 55.4040

Previews

White Background



This preview shows how the YIQ color 47.0460, 12.6950, 28.7510 looks on a white background.

Color Contrast Check

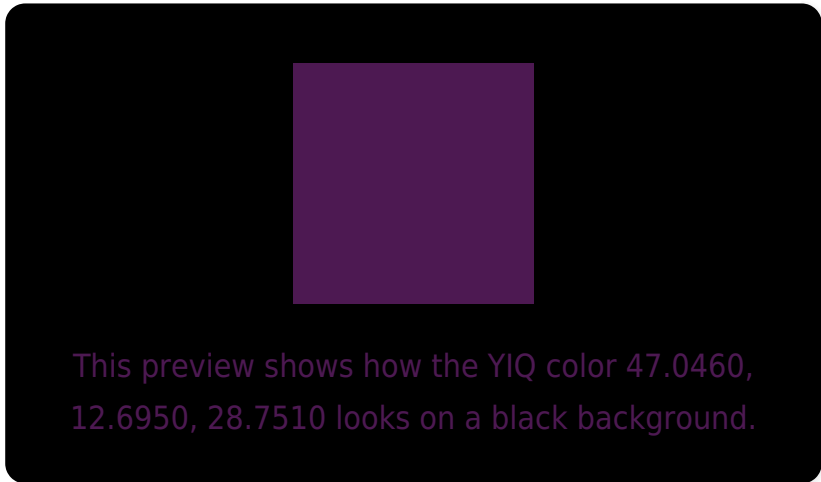
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

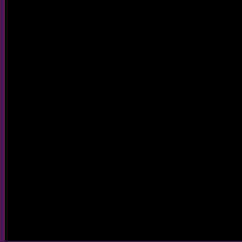
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.0460, 12.6950, 28.7510

Background



This preview shows how black text looks on a background with the YIQ color 47.0460, 12.6950, 28.7510.



This preview shows how white text looks on a background with the YIQ color 47.0460, 12.6950,

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

47.0460, 12.6950, 28.7510

Protanopia

38.9890, -45.0250, 6.5190

Deuteranopia

46.9240, -20.0370, 5.2030



Tritanopia

49.0950, 19.0260, 7.6180

Trichromacy



Original Color

47.0460, 12.6950, 28.7510

Protanomaly

41.8670, -23.8900, 14.4620

Deuteranomaly

46.8380, -7.7510, 13.8250

Tritanomaly

48.4680, 16.7780, 15.3220

Monochromacy



Original Color

47.0460, 12.6950, 28.7510

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0750, 4.5830, 10.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.0460, 12.6950, 28.7510 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(77, 25, 82)` looks like.

```
.text, #text, p{  
    color:rgb(77, 25, 82)  
}
```

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(77, 25, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 25, 82) }
```

Border

The CSS property to change the border of an element to YIQ 47.0460, 12.6950, 28.7510 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(77, 25, 82) }
```


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

```
.border{ border-color:rgb(77, 25, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 25, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 25, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 25, 82);  
box-shadow:4px 4px 4px 4px rgb(77, 25, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.0460, 12.6950, 28.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 25, 82) }
```

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

```
.background{ background-color: rgb(77, 25,  
82) }
```

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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