

Converting Colors

YIQ(48.6120, 6.6040, -9.5560)

Have a look what the booklet for
YIQ(48.6120, 6.6040, -9.5560)
contains.

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Color

**YIQ(48.6120, 6.6040,
-9.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	313519
RGB	49, 53, 25
RGB Percent	19%, 21%, 10%
CMY	0.8079, 0.7921, 0.9019
CMYK	0.08, 0.00, 0.53, 0.79
HSL	69°, 36%, 15%
HSV	69°, 53%, 21%
XYZ	2.7151, 3.2694, 1.4083
YIQ	48.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

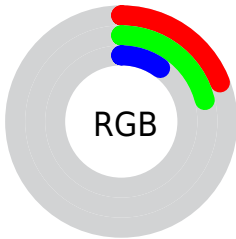
Format	Color
RYB	25, 53, 29
Decimal	3224857
CIELab	21.09, -7.03, 17.00
CIElCh	21, 18.402, 112.475
Yxy	3.2694, 0.3673, 0.4422
Android (android.graphics.Color)	4281414937 (0xFF313519)
YUV	48.6120, -11.6407, 0.3403
Hunter-Lab	18.0815, -4.8394, 8.0390

Details

The YIQ color **48.6120, 6.6040, -9.5560** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **29.3880, -6.6040, 9.5560**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.6830, 7.8420, -9.9660**, and **4.1090, -1.9250, -3.6610** is the 20% darker color. If you saturate the color by 10%, you get **47.7430, 7.6130, -11.3230**, and if you desaturate by 10%, it is **49.4810, 5.5950, -7.7890**.

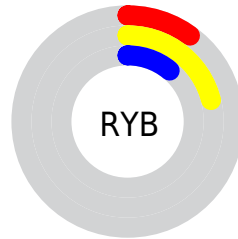
Distribution



Red (19%)

Green (21%)

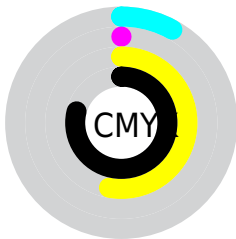
Blue (10%)



Red (10%)

Yellow (21%)

Blue (11%)

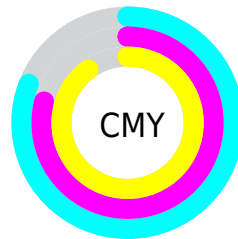


Cyan (8%)

Magenta (0%)

Yellow (53%)

Black (79%)



Cyan (81%)

Magenta (79%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.6120, 6.6040, -9.5560 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 48.6120, 6.6040, -9.5560 by changing the saturation by 10% instead.

■ 48.6120, 6.6040,
-9.5560

■ 48.6120, 6.6040,
-9.5560

■ 254.7720, 0.6420,
-0.6220

■ 27.4550, 8.4840,
-10.5880

■ 94.6830, 7.8420,
-9.9660

■ 4.1090, -1.9250,
-3.6610

■ 119.5690, 8.1630,
-10.2770

■ 0.0000, 0.0000,
0.0000

■ 145.3410, 8.8050,
-10.8990

■ 172.2270, 9.1260,
-11.2100

■ 199.1130, 9.4470,
-11.5210

■ 227.1130, 9.4470,

-11.5210

■ 251.5800, 9.6300,
-9.3300

■ 48.6120, 6.6040,
-9.5560

■ 48.6120, 6.6040,
-9.5560

■ 47.7430, 7.6130,
-11.3230

■ 49.4810, 5.5950,
-7.7890

■ 46.7600, 8.9430,
-13.4010

■ 50.4640, 4.2650,
-5.7110

■ 46.1900, 10.5480,
-14.9560

■ 51.0340, 2.6600,
-4.1560

■ 45.3210, 11.5570,
-16.7230

■ 51.9030, 1.6510,
-2.3890

■ 44.5660, 12.2450,
-18.1790

■ 52.8860, 0.3210,
-0.3110

■ 53.7550, -0.6880,
1.4560

■ 54.3250, -2.2930,
3.0110

■ 55.1940, -3.3020,
4.7780

■ 56.1770, -4.6320,
6.8560

Harmonies

Analogous

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



50.0370, 15.7730, -5.0190



48.6120, 6.6040, -9.5560



46.6150, -6.6460, -11.7180

Triad

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



48.6120, 6.6040, -9.5560



41.0800, -38.5120, -6.8960



51.8760, 15.4490, 11.8730

Complementary

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



48.6120, 6.6040, -9.5560



29.3880, -6.6040, 9.5560

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.



52.0150, 4.8120, 11.9160



48.6120, 6.6040, -9.5560



46.4670, -26.1800, 0.8920

Square

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



48.6120, 6.6040, -9.5560



41.0000, -35.5310, -11.3630



50.8930, -9.5840, 8.4960



51.1770, 21.7310, 8.1550

Rectangle

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



48.6120, 6.6040, -9.5560



44.5260, -16.6410, -12.2970



50.8930, -9.5840, 8.4960



52.3210, 12.6980, 12.1700

Sweetspot

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



48.6120, 6.6040, -9.5560



67.1480, 2.3390, -3.8450



35.7200, 15.5880, 3.8440



34.9030, 1.6510, -2.3890



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



48.6120, 6.6040, -9.5560



62.1900, 10.5480, -14.9560



44.4260, -1.7400, -12.5240



25.3590, 0.3670, -1.1450



74.9670, 20.8210, -30.4350



182.9930, 51.1810, -74.0590

Inverse Universe

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



29.3880, -6.6040, 9.5560



32.1090, -9.9520, 15.1680



33.5740, 1.7400, 12.5240



23.3420, -0.9630, 0.9330



14.0330, -20.8210, 30.4350



34.0070, -51.1810, 74.0590

Previews

White Background



This preview shows how the YIQ color 48.6120, 6.6040, -9.5560 looks on a white background.

Color Contrast Check

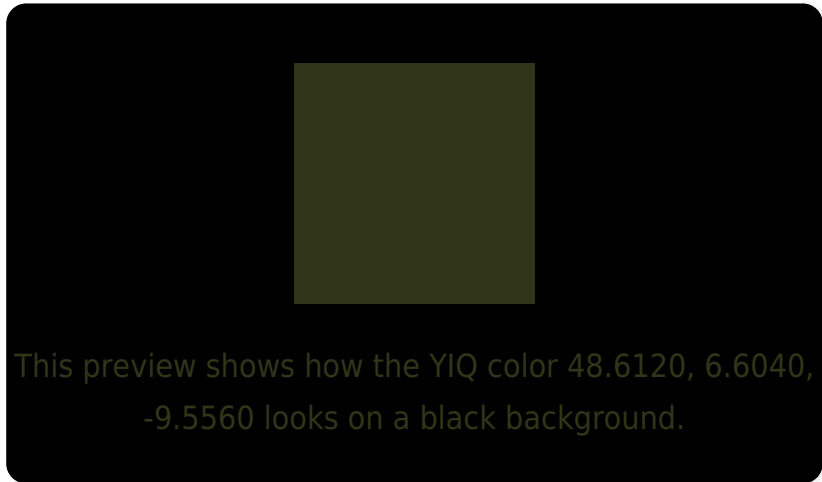
Large Text (above 18pt) WCAG AA ✓ Pass

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

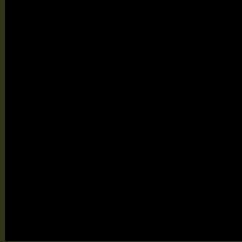
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.6120, 6.6040, -9.5560

Background



This preview shows how black text looks on a background with the YIQ color 48.6120, 6.6040, -9.5560.



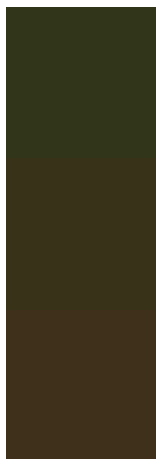
This preview shows how white text looks on a background with the YIQ color 48.6120, 6.6040,

-9.5560.

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

48.6120, 6.6040, -9.5560

Protanopia

49.4170, 11.6470, -7.3370

Deuteranopia

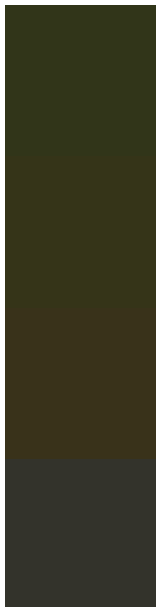
49.6780, 15.4060, -3.8740



Tritanopia

51.0540, -0.0920, 1.6680

Trichromacy



Original Color

48.6120, 6.6040, -9.5560

Protanomaly

49.1070, 9.5840, -8.4960

Deuteranomaly

49.3570, 11.8760, -5.9800

Tritanomaly

50.0880, 2.5680, -2.4880

Monochromacy



Original Color

48.6120, 6.6040, -9.5560

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.5610, 2.6140, -3.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.6120, 6.6040, -9.5560 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(49, 53, 25)` looks like.

```
.text, #text, p{  
    color:rgb(49, 53, 25)  
}
```

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(49, 53, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 53, 25) }
```

Border

The CSS property to change the border of an element to YIQ 48.6120, 6.6040, -9.5560 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(49, 53, 25) }
```


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

```
.border{ border-color:rgb(49, 53, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 53, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 53, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 53, 25);  
box-shadow:4px 4px 4px 4px rgb(49, 53, 25)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.6120, 6.6040, -9.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 53, 25) }
```

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

```
.background{ background-color: rgb(49, 53,  
25) }
```

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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