

Converting Colors

YIQ(142.7520, -57.3590, 9.7850)

Have a look what the booklet for
YIQ(142.7520, -57.3590, 9.7850)
contains.

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Color

**YIQ(142.7520, -57.3590,
9.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	5E98DF
RGB	94, 152, 223
RGB Percent	37%, 60%, 87%
CMY	0.6314, 0.4038, 0.1258
CMYK	0.58, 0.32, 0.00, 0.13
HSL	213°, 67%, 62%
HSV	213°, 58%, 87%
XYZ	29.1554, 30.1667, 74.0472
YIQ	142.7520, -57.3590, 9.7850

Conversions

Conversions Part 2

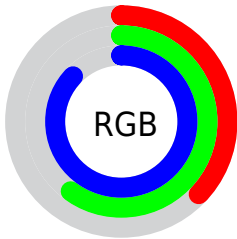
Format	Color
R _Y B	94, 134, 223
Decimal	6199519
CIE Lab	61.80, 1.87, -41.74
CIE LCh	62, 41.786, 272.568
Yxy	30.1667, 0.2186, 0.2262
Android (android.graphics.Color)	4284389599 (0xFF5E98DF)
YUV	142.7520, 39.5623, -42.7555
Hunter-Lab	54.9242, -1.3642, -41.4861

Details

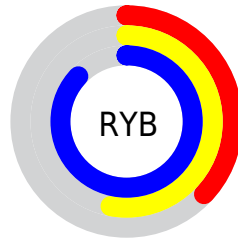
The YIQ color **142.7520, -57.3590, 9.7850** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **174.2480, 57.3590, -9.7850**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.7390, -47.3170, 4.0030**, and **84.6040, -68.8660, 3.5660** is the 20% darker color. If you saturate the color by 10%, you get **129.1300, -67.1710, 11.3970**, and if you desaturate by 10%, it is **156.3740, -47.5470, 8.1730**.

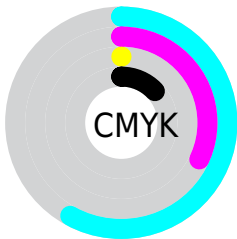
Distribution



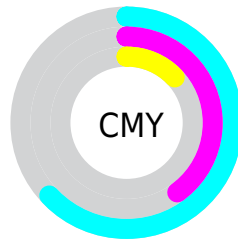
- Red (37%)
- Green (60%)
- Blue (87%)



- Red (37%)
- Yellow (53%)
- Blue (87%)



- Cyan (58%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (63%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.7520, -57.3590, 9.7850 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 142.7520, -57.3590, 9.7850 by changing the saturation by 10% instead.

■ 142.7520,
-57.3590, 9.7850

■ 142.7520,
-57.3590, 9.7850

■ 255.0000, -0.0000,
-0.0000

■ 115.0290,
-59.6970, 8.1030

■ 195.7390,
-47.3170, 4.0030

■ 84.6040, -68.8660,
3.5660

■ 220.8460,
-37.7330, -4.4930

■ 61.8600, -66.7110,
3.0570

■ 242.1430,
-25.6280, -9.1160

■ 45.3950, -52.0400,
7.0000

■ 250.8140, -8.3440,
-2.9680

■ 30.8050, -38.5150,
9.6850

■ 14.5680, -24.4860,
14.2500

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 142.7520,
-57.3590, 9.7850

■ 142.7520,
-57.3590, 9.7850

■ 129.1300,
-67.1710, 11.3970

■ 156.3740,
-47.5470, 8.1730

■ 115.2090,
-77.5790, 12.7970

■ 170.8820,
-37.4140, 6.2500

■ 101.0000,
-87.1160, 14.9320

■ 184.5040,
-27.6020, 4.6380

■ 87.3780, -96.9280,
16.5440

■ 198.1260,
-17.7900, 3.0260

■ 84.1220, -99.0830,
17.0530

■ 211.7480, -7.9780,
1.4140

■ 226.2560, 2.1550,
-0.5090

■ 239.8780, 11.9670,
-2.1210

■ 248.4170, 11.6470,
-7.3370

■ 251.3520, 10.2720,
-9.9520

Harmonies

Analogous

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



119.4900, -113.2440, -18.1720



142.7520, -57.3590, 9.7850



152.1170, -12.4300, 27.0420

Triad

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



142.7520, -57.3590, 9.7850



149.7380, 59.8760, 16.1960



135.2550, -32.7760, -33.7680

Complementary

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



142.7520, -57.3590, 9.7850



174.2480, 57.3590, -9.7850

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.



141.8930, 6.4700, -29.1620



142.7520, -57.3590, 9.7850



148.3220, 54.5150, -2.2930

Square

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



142.7520, -57.3590, 9.7850



151.9070, 49.6950, 30.0070



145.8430, 36.2700, -18.5620



115.8300, -94.6710, -40.9030

Rectangle

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



142.7520, -57.3590, 9.7850



153.5670, 12.7860, 32.6100



145.8430, 36.2700, -18.5620



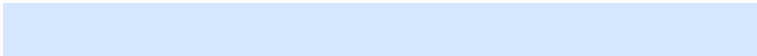
137.9100, -18.5630, -32.5390

Sweetspot

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



142.7520, -57.3590, 9.7850



228.0550, -19.0280, 3.4360



177.5890, -57.6240, -46.0080



111.4210, -11.3710, 2.3330



0.0000, 0.0000, 0.0000



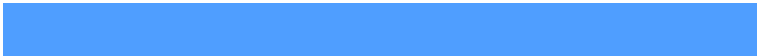
128.0000, -0.0000, -0.0000

Same Dimension

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



142.7520, -57.3590, 9.7850



145.4370, -78.2210, 13.4190



109.9020, -39.0250, 40.9670



105.1890, -4.9060, 0.8060



66.4370, -78.2210, 13.4190



18.3860, -21.4580, 3.4220

Inverse Universe

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



139.1830, 58.2660, 45.3860



140.6300, 79.5370, 61.8810



207.0980, 39.0250, -40.9670



104.8590, 4.9510, 3.8870



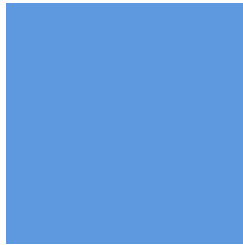
61.6300, 79.5370, 61.8810



16.8600, 21.5460, 17.0180

Previews

White Background



This preview shows how the YIQ color 142.7520, -57.3590, 9.7850 looks on a white 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

Black Background



This preview shows how the YIQ color 142.7520, -57.3590, 9.7850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

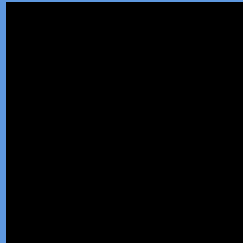
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 142.7520, -57.3590, 9.7850

Background



This preview shows how black text looks on a background with the YIQ color 142.7520, -57.3590, 9.7850.

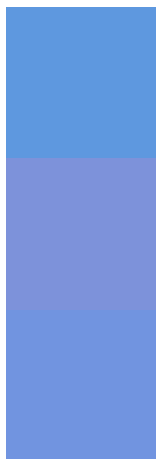


This preview shows how white text looks on a background with the YIQ color 142.7520, -57.3590, 9.7850.

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

142.7520, -57.3590, 9.7850

Protanopia

147.9290, -35.6280, 17.9400

Deuteranopia

146.1990, -45.2560, 16.2160



Tritanopia

136.5830, -56.3460, -14.0900

Trichromacy



Original Color

142.7520, -57.3590, 9.7850

Protanomaly

146.0420, -43.3760, 15.1840

Deuteranomaly

144.6930, -49.7030, 14.2090

Tritanomaly

138.8530, -56.8060, -5.7500

Monochromacy



Original Color

142.7520, -57.3590, 9.7850

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.6850, -20.8620, 3.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7520, -57.3590, 9.7850 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(94, 152, 223)` looks like.

```
.text, #text, p{  
    color:rgb(94, 152, 223)  
}
```

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(94, 152, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 152, 223) }
```

Border

The CSS property to change the border of an element to YIQ 142.7520, -57.3590, 9.7850 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(94, 152, 223) }
```


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

```
.border{ border-color:rgb(94, 152, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 152, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 152, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 152, 223);  
box-shadow:4px 4px 4px 4px rgb(94, 152,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7520, -57.3590, 9.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 152, 223) }
```

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

```
.background{ background-color: rgb(94, 152,  
223) }
```

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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