

Converting Colors

`RYB(55, 108, 152)`

Have a look what the booklet for
RYB(55, 108, 152) contains.

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Color

`RYB(55, 108, 152)`

Conversions

Conversions Part 1

Format	Color
Hex	379888
RGB	55, 152, 136
RGB Percent	22%, 60%, 53%
CMY	0.7843, 0.4039, 0.4685
CMYK	0.64, 0.00, 0.11, 0.40
HSL	170°, 47%, 41%
HSV	170°, 64%, 60%
XYZ	17.2143, 25.0329, 27.0417
YIQ	121.1730, -52.6760, -25.5400

Conversions

Conversions Part 2

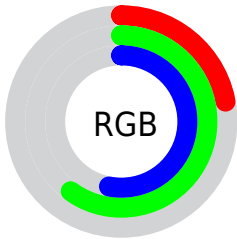
Format	Color
RYB	55, 108, 152
Decimal	3643528
CIELab	57.11, -32.23, 0.33
CIELCh	57, 32.228, 179.410
Yxy	25.0329, 0.2484, 0.3613
Android (android.graphics.Color)	4281833608 (0xFF379888)
YUV	121.1730, 7.3097, -58.0337
Hunter-Lab	50.0329, -26.1430, 2.9780

Details

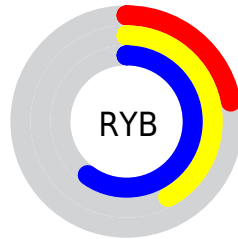
The RYB color **55, 108, 152** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **152, 55, 71**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **113, 165, 207**, and **0, 54, 100** is the 20% darker color. If you saturate the color by 10%, you get **40, 101, 152**, and if you desaturate by 10%, it is **70, 115, 152**.

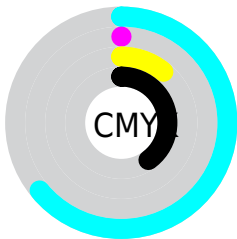
Distribution



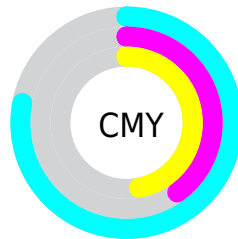
- Red (22%)
- Green (60%)
- Blue (53%)



- Red (22%)
- Yellow (42%)
- Blue (60%)



- Cyan (64%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 55, 108, 152 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 RYB color 55, 108, 152 by changing the saturation by 10% instead.



55, 108, 152



55, 108, 152

255, 255, 255



17, 76, 126



113, 165, 207



0, 54, 100



141, 193, 235



0, 42, 76



170, 215, 255



0, 29, 52



198, 227, 255



0, 21, 33



228, 242, 255



0, 0, 0



55, 108, 152



55, 108, 152



40, 101, 152



70, 115, 152



25, 95, 152



85, 121, 152

■ 9, 87, 152

■ 101, 129, 152

■ 0, 83, 152

■ 116, 136, 152

■ 131, 143, 152

■ 146, 149, 152

■ 161, 152, 154

■ 177, 152, 156

■ 192, 152, 159

Harmonies

Analogous

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



93, 137, 149



55, 108, 152



13, 85, 164

Triad

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



55, 108, 152



139, 130, 186



179, 149, 89

Complementary

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



55, 108, 152



152, 55, 71

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.



191, 117, 111



55, 108, 152



172, 120, 166

Square

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



55, 108, 152



95, 126, 193



189, 115, 139



109, 156, 80

Rectangle

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



55, 108, 152



27, 95, 179



189, 115, 139



184, 133, 96

Sweetspot

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



55, 108, 152



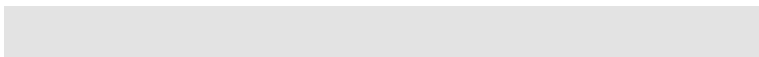
159, 179, 196



55, 152, 134



77, 89, 99



227, 227, 227



99, 99, 99

Same Dimension

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



55, 108, 152



45, 127, 196



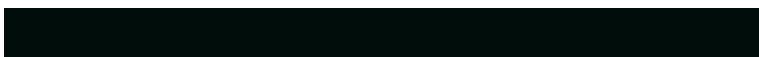
55, 94, 152



69, 74, 77



0, 77, 140



0, 7, 13

Inverse Universe

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



152, 55, 71



196, 45, 71



152, 101, 55



77, 69, 70



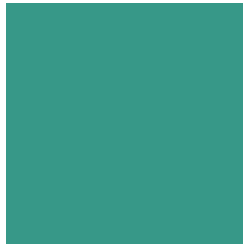
140, 0, 24



13, 0, 2

Previews

White Background



This preview shows how the RYB color 55, 108, 152 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 RYB color 55, 108, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

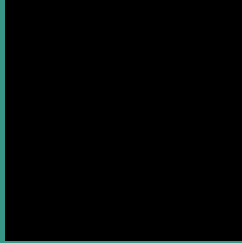
Any Text WCAG AA ✓ Pass

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](#).

R Y B 55, 108, 152 Background



This preview shows how black text looks on a background with the R Y B color 55, 108, 152.



This preview shows how white text looks on a background with the R Y B color 55, 108, 152.

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





Tritanopia
66, 110, 160

Trichromacy



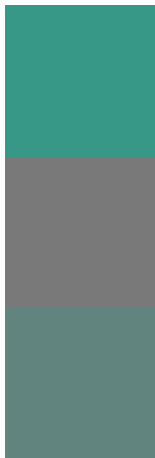
Original Color
55, 108, 152

Protanomaly
110, 130, 142

Deuteranomaly
114, 127, 139

Tritanomaly
62, 106, 151

Monochromacy



Original Color
55, 108, 152

Achromatopsia
121, 121, 121

Achromatomaly
97, 116, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 55, 108, 152 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(55, 152, 136)` looks like.

```
.text, #text, p{  
    color:rgb(55, 152, 136)  
}
```

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(55, 152, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 152, 136) }
```

Border

The CSS property to change the border of an element to RYB 55, 108, 152 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(55, 152, 136) }
```

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

```
.border{ border-color:rgb(55, 152, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 152, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 152, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 152, 136); box-shadow:4px 4px 4px 4px rgb(55, 152, 136) }
```

Background

The CSS property to change the background color of an element to RGB 55, 108, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 152, 136) }
```

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

```
.background{ background-color: rgb(55, 152,  
136) }
```

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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