

Converting Colors

XYZ(8.6531, 10.5824, 15.4222)

Have a look what the booklet for
XYZ(8.6531, 10.5824, 15.4222)
contains.

XYZ(8.7089, 10.6668, 15.5098)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(8.7089, 10.6668,
15.5098)**

Conversions

Conversions Part 1

Format	Color
Hex	39626B
RGB	57, 98, 107
RGB Percent	22%, 38%, 42%
CMY	0.7765, 0.6157, 0.5804
CMYK	0.47, 0.08, 0.00, 0.58
HSL	191°, 30%, 32%
HSV	191°, 47%, 42%
XYZ	8.7089, 10.6668, 15.5098
YIQ	86.7670, -27.3250, -5.8930

Conversions

Conversions Part 2

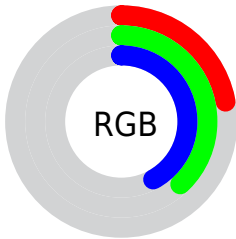
Format	Color
RYB	57, 80, 107
Decimal	3760747
CIELab	39.01, -11.71, -9.60
CIELCh	39, 15.146, 219.334
Yxy	10.6668, 0.2496, 0.3058
Android (android.graphics.Color)	4281950827 (0xFF39626B)
YUV	86.7670, 9.9749, -26.1057
Hunter-Lab	32.6601, -9.5576, -5.2939

Details

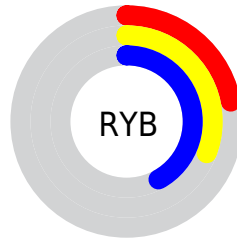
The XYZ color **8.7089, 10.6668, 15.5098** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.7504, 7.3178, 4.8225**, and the grayscale version is **8.9928, 9.4612, 10.3032**.

A 20% lighter version of the original color is **22.9824, 27.0893, 36.3652**, and **2.0370, 2.7133, 4.6913** is the 20% darker color. If you saturate the color by 10%, you get **7.9841, 10.0291, 15.4251**, and if you desaturate by 10%, it is **9.5673, 11.3803, 15.6025**.

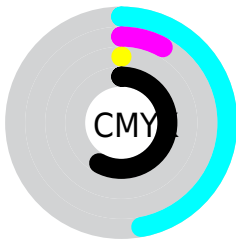
Distribution



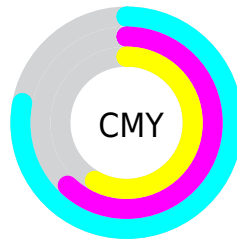
- Red (22%)
- Green (38%)
- Blue (42%)



- Red (22%)
- Yellow (31%)
- Blue (42%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.7089, 10.6668, 15.5098 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 XYZ color 8.7089, 10.6668, 15.5098 by changing the saturation by 10% instead.

8.7089, 10.6668,
15.5098

8.7089, 10.6668,
15.5098

175.4446,
195.3671, 238.1776

4.6074, 5.8433,
9.0274

23.0093, 27.0424,
36.4999

2.0512, 2.7500,
4.6620

33.9388, 39.3632,
51.8447

0.6625, 1.0027,
1.9951

47.8751, 54.9518,
70.9807

0.0000, 0.0000,
0.5523

65.1834, 74.1928,
94.3265

0.0000, 0.0000,
0.0000

86.2292, 97.4704,
122.3005

111.3777,

125.1690, 155.3213

140.9944,
157.6731, 193.8075

■ 8.7089, 10.6668,
15.5098

■ 8.7089, 10.6668,
15.5098

■ 7.9841, 10.0291,
15.4251

■ 9.5673, 11.3803,
15.6025

■ 7.3837, 9.4617,
15.3472

■ 10.5658, 12.1723,
15.7027

■ 6.8990, 8.9602,
15.2760

■ 11.7117, 13.0468,
15.8111

■ 6.5195, 8.5194,
15.2109

■ 13.0113, 14.0070,
15.9280

■ 6.2181, 8.1250,
15.1506

■ 14.4708, 15.0563,
16.0536

■ 6.1225, 7.9988,
15.1313

■ 16.0957, 16.1976,
16.1882

■ 17.8917, 17.4338,
16.3322

■ 19.8638, 18.7674,
16.4856

■ 22.0170, 20.2012,
16.6489

Harmonies

Analogous

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



8.3398, 10.6668, 12.5403



8.7089, 10.6668, 15.5098



9.4682, 10.6668, 17.6365

Triad

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



8.7089, 10.6668, 15.5098



12.0669, 10.6668, 13.6906



9.8266, 10.6668, 6.9439

Complementary

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



8.7089, 10.6668, 15.5098



8.7504, 7.3178, 4.8225

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.



10.8396, 10.6668, 7.1477



8.7089, 10.6668, 15.5098



12.1788, 10.6668, 10.7351

Square

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



8.7089, 10.6668, 15.5098



11.4204, 10.6668, 16.4710



11.7165, 10.6668, 8.4327



8.9563, 10.6668, 7.8206

Rectangle

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



8.7089, 10.6668, 15.5098



10.1159, 10.6668, 18.1132



11.7165, 10.6668, 8.4327



10.1611, 10.6668, 6.8920

Sweetspot

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



8.7092, 10.6672, 15.5101



21.4887, 23.7487, 28.3591



7.9091, 11.7710, 6.9073



5.1108, 5.6807, 6.8559



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



8.7092, 10.6672, 15.5101



14.1960, 17.8666, 27.6081



6.7681, 6.7849, 14.8630



3.1378, 3.4039, 3.9265



7.4286, 9.6916, 18.4014



37.2771, 48.2328, 93.5714

Inverse Universe

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



9.7314, 6.9342, 12.3813



16.3376, 10.5203, 20.9469



10.4865, 10.7902, 5.4012



3.1953, 3.1550, 3.7590



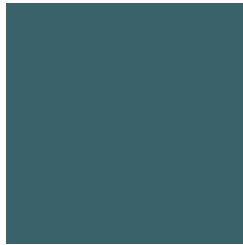
9.4965, 4.6507, 11.5090



48.0986, 23.5814, 57.1151

Previews

White Background



This preview shows how the XYZ color 8.7089, 10.6668, 15.5098 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 XYZ color 8.7089, 10.6668, 15.5098 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

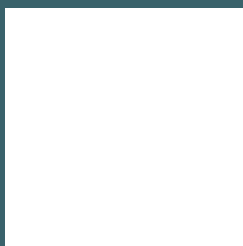
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.7089, 10.6668, 15.5098

Background



This preview shows how black text looks on a background with the XYZ color 8.7089, 10.6668, 15.5098.



This preview shows how white text looks on a background with the XYZ color 8.7089, 10.6668,

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

8.7089, 10.6668, 15.5098

Protanopia

10.3558, 10.6151, 14.0735

Deuteranopia

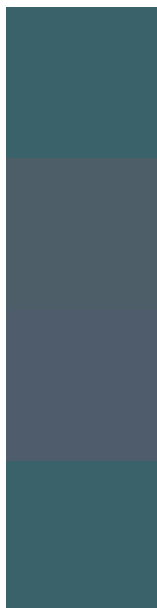
10.7463, 10.5242, 15.9330



Tritanopia

8.6565, 10.6458, 15.2343

Trichromacy



Original Color

8.7089, 10.6668, 15.5098

Protanomaly

9.6433, 10.6246, 14.6392

Deuteranomaly

9.7584, 10.3993, 15.6803

Tritanomaly

8.6565, 10.6458, 15.2343

Monochromacy



Original Color

8.7089, 10.6668, 15.5098

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.7420, 9.8268, 12.0257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.7089, 10.6668, 15.5098 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(57, 98, 107)` looks like.

```
.text, #text, p{  
    color:rgb(57, 98, 107)  
}
```

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(57, 98, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 98, 107) }
```

Border

The CSS property to change the border of an element to XYZ 8.7089, 10.6668, 15.5098 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(57, 98, 107) }
```


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

```
.border{ border-color:rgb(57, 98, 107) }
```

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

Here you see how a box with a 4 pixel rgb(57, 98, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 98, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 98, 107);  
box-shadow:4px 4px 4px 4px rgb(57, 98,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 8.7089, 10.6668, 15.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 98, 107) }
```

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

```
.background{ background-color: rgb(57, 98,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor