

Converting Colors

XYZ(8.6176, 10.6793, 14.1693)

Have a look what the booklet for
XYZ(8.6176, 10.6793, 14.1693)
contains.

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Color

**XYZ(8.5696, 10.6245,
14.1694)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6266
RGB	59, 98, 102
RGB Percent	23%, 38%, 40%
CMY	0.7686, 0.6157, 0.6000
CMYK	0.42, 0.04, 0.00, 0.60
HSL	186°, 27%, 32%
HSV	186°, 42%, 40%
XYZ	8.5696, 10.6245, 14.1694
YIQ	86.7950, -24.5280, -7.0240

Conversions

Conversions Part 2

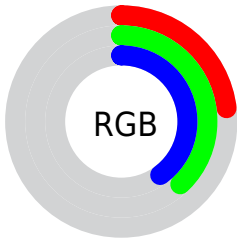
Format	Color
RYB	59, 79, 102
Decimal	3891814
CIELab	38.94, -12.61, -6.63
CIElCh	39, 14.244, 207.720
Yxy	10.6245, 0.2569, 0.3184
Android (android.graphics.Color)	4282081894 (0xFF3B6266)
YUV	86.7950, 7.4961, -24.3762
Hunter-Lab	32.5952, -10.1123, -2.9571

Details

The XYZ color **8.5696, 10.6245, 14.1694** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.0466, 6.6957, 5.0063**, and the grayscale version is **9.0035, 9.4724, 10.3154**.

A 20% lighter version of the original color is **22.8039, 27.0460, 34.1555**, and **1.9736, 2.6951, 4.0306** is the 20% darker color. If you saturate the color by 10%, you get **7.9350, 10.1666, 14.1147**, and if you desaturate by 10%, it is **9.3241, 11.1462, 14.2305**.

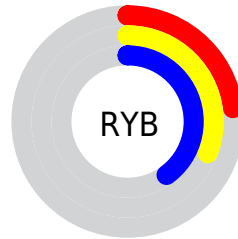
Distribution



Red (23%)

Green (38%)

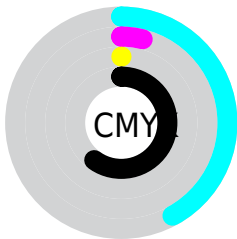
Blue (40%)



Red (23%)

Yellow (31%)

Blue (40%)

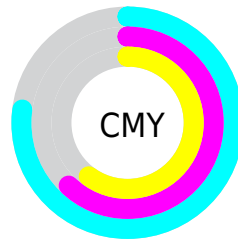


Cyan (42%)

Magenta (4%)

Yellow (0%)

Black (60%)



Cyan (77%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.5696, 10.6245, 14.1694 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 8.5696, 10.6245, 14.1694 by changing the saturation by 10% instead.

8.5696, 10.6245,
14.1694

8.5696, 10.6245,
14.1694

174.4098,
195.0730, 229.7471

4.5164, 5.8149,
8.0985

22.7426, 26.9637,
34.1107

1.9982, 2.7329,
4.0694

33.5932, 39.2621,
48.8183

0.6330, 0.9939,
1.6635

47.4402, 54.8256,
67.2417

0.0000, 0.0000,
0.3355

64.6490, 74.0385,
89.7997

0.0000, 0.0000,
0.0000

85.5850, 97.2854,
116.9106

110.6136,

124.9504, 148.9932

140.1001,
157.4182, 186.4658

■ 8.5696, 10.6245,
14.1694

■ 8.5696, 10.6245,
14.1694

■ 7.9350, 10.1666,
14.1147

■ 9.3241, 11.1462,
14.2305

■ 7.4124, 9.7678,
14.0652

■ 10.2038, 11.7339,
14.2976

■ 6.9946, 9.4245,
14.0210

■ 11.2151, 12.3909,
14.3711

■ 6.6727, 9.1323,
13.9815

■ 12.3633, 13.1201,
14.4513

■ 6.4356, 8.8852,
13.9463

■ 13.6539, 13.9242,
14.5385

6.2702, 8.7032,
13.9199

15.0916, 14.8059,
14.6329

16.6812, 15.7674,
14.7347

18.4272, 16.8111,
14.8442

20.3339, 17.9392,
14.9614

Harmonies

Analogous

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



8.3848, 10.6245, 11.3619



8.5696, 10.6245, 14.1694



9.1561, 10.6245, 16.5649

Triad

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



8.5696, 10.6245, 14.1694



11.7185, 10.6245, 14.5851



10.1709, 10.6245, 7.0981

Complementary

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



8.5696, 10.6245, 14.1694



8.0466, 6.6957, 5.0063

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.



11.1030, 10.6245, 7.6934



8.5696, 10.6245, 14.1694



12.0306, 10.6245, 11.7771

Square

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



8.5696, 10.6245, 14.1694



10.9698, 10.6245, 16.8301



11.7987, 10.6245, 9.3067



9.2742, 10.6245, 7.5363

Rectangle

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



8.5696, 10.6245, 14.1694



9.7156, 10.6245, 17.4533



11.7987, 10.6245, 9.3067



10.4908, 10.6245, 7.1817

Sweetspot

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



8.5699, 10.6249, 14.1696



19.4399, 21.5836, 25.1872



7.4408, 10.7870, 6.3320



4.5143, 5.0455, 5.9367



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



8.5699, 10.6249, 14.1696



13.8850, 17.8068, 24.7509



6.8502, 7.1855, 13.5964



2.8830, 3.1440, 3.5869



8.0384, 11.1486, 17.8726



41.5849, 57.4665, 93.1018

Inverse Universe

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



9.2483, 6.8348, 12.3876



15.2846, 10.2461, 21.0162



9.4459, 9.4944, 5.4727



2.9255, 2.8848, 3.4801



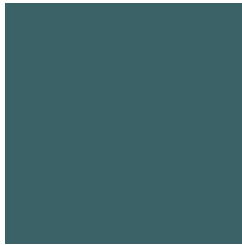
9.5401, 4.6290, 13.5084



49.5853, 24.0741, 69.5506

Previews

White Background



This preview shows how the XYZ color 8.5696, 10.6245, 14.1694 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 8.5696, 10.6245, 14.1694 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 8.5696, 10.6245, 14.1694

Background



This preview shows how black text looks on a background with the XYZ color 8.5696, 10.6245, 14.1694.



This preview shows how white text looks on a background with the XYZ color 8.5696, 10.6245,

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

8.5696, 10.6245, 14.1694

Protanopia

10.2601, 10.5882, 13.0582

Deuteranopia

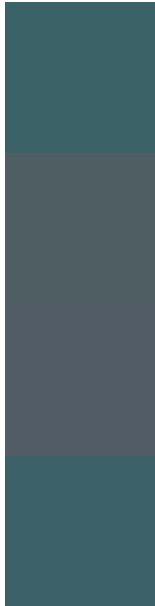
10.6872, 10.5239, 14.5647



Tritanopia

8.6880, 10.5300, 14.9392

Trichromacy



Original Color

8.5696, 10.6245, 14.1694

Protanomaly

9.4793, 10.5685, 13.3447

Deuteranomaly

9.6687, 10.3829, 14.3265

Tritanomaly

8.6369, 10.5095, 14.6700

Monochromacy



Original Color

8.5696, 10.6245, 14.1694

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.7334, 9.8327, 11.5628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.5696, 10.6245, 14.1694 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(59, 98, 102) looks like.

```
.text, #text, p{  
    color:rgb(59, 98, 102)  
}
```

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(59, 98, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 98, 102) }
```

Border

The CSS property to change the border of an element to XYZ 8.5696, 10.6245, 14.1694 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(59, 98, 102) }
```


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

```
.border{ border-color:rgb(59, 98, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 98, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 98, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 98, 102);  
box-shadow:4px 4px 4px 4px rgb(59, 98,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 8.5696, 10.6245, 14.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 98, 102) }
```

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

```
.background{ background-color: rgb(59, 98,  
102) }
```

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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