

Converting Colors

XYZ(8.2984, 10.9876, 10.7003)

Have a look what the booklet for
XYZ(8.2984, 10.9876, 10.7003)
contains.

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Color

**XYZ(8.2984, 10.9876,
10.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6557
RGB	61, 101, 87
RGB Percent	24%, 40%, 34%
CMY	0.7608, 0.6039, 0.6588
CMYK	0.40, 0.00, 0.14, 0.60
HSL	159°, 25%, 32%
HSV	159°, 40%, 40%
XYZ	8.2984, 10.9876, 10.7003
YIQ	87.4440, -19.3460, -12.8340

Conversions

Conversions Part 2

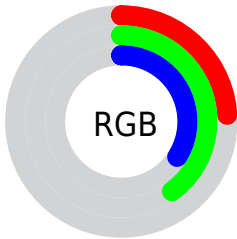
Format	Color
RYB	61, 85, 101
Decimal	4023639
CIELab	39.56, -17.67, 3.50
CIELCh	40, 18.010, 168.801
Yxy	10.9876, 0.2767, 0.3664
Android (android.graphics.Color)	4282213719 (0xFF3D6557)
YUV	87.4440, -0.2189, -23.1914
Hunter-Lab	33.1475, -13.3212, 4.0640

Details

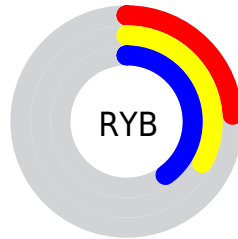
The XYZ color **8.2984, 10.9876, 10.7003** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.3059, 6.6123, 7.4954**, and the grayscale version is **9.1586, 9.6356, 10.4931**.

A 20% lighter version of the original color is **22.1740, 27.5776, 27.8212**, and **1.9031, 2.8911, 2.6482** is the 20% darker color. If you saturate the color by 10%, you get **7.5935, 10.6408, 9.9319**, and if you desaturate by 10%, it is **9.1282, 11.3985, 11.5120**.

Distribution



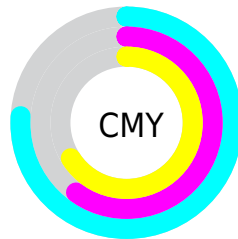
- Red (24%)
- Green (40%)
- Blue (34%)



- Red (24%)
- Yellow (33%)
- Blue (40%)



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (60%)



- Cyan (76%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.2984, 10.9876, 10.7003 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 8.2984, 10.9876, 10.7003 by changing the saturation by 10% instead.

8.2984, 10.9876,
10.7003

8.2984, 10.9876,
10.7003

172.3744,
197.5825, 206.2628

4.3399, 6.0585,
5.7541

22.2212, 27.6372,
27.7328

1.8962, 2.8807,
2.6298

32.9163, 40.1266,
40.6560

0.5746, 1.0698,
0.9078

46.5875, 55.9047,
57.0754

0.0000, 0.0000,
0.0000

63.6003, 75.3562,
77.4095

84.3201, 98.8653,
102.0767

109.1121,

126.8164, 131.4956

138.3418,
159.5940, 166.0848

■ 8.2984, 10.9876,
10.7003

■ 8.2984, 10.9876,
10.7003

■ 7.5935, 10.6408,
9.9319

■ 9.1282, 11.3985,
11.5120

■ 7.0058, 10.3533,
9.2051

■ 10.0880, 11.8754,
12.3670

■ 6.5283, 10.1218,
8.5194

■ 11.1841, 12.4217,
13.2663

■ 6.1527, 9.9421,
7.8738

■ 12.4216, 13.0401,
14.2107

■ 5.8697, 9.8093,
7.2673

■ 13.8059, 13.7332,
15.2009

■ 5.6361, 9.7013,
6.6973

■ 15.3417, 14.5036,
16.2375

■ 5.6270, 9.6970,
6.6755

■ 17.0336, 15.3535,
17.3214

■ 18.8860, 16.2854,
18.4530

■ 20.9033, 17.3013,
19.6332

Harmonies

Analogous

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



8.7690, 10.9876, 8.0466



8.2984, 10.9876, 10.7003



8.3679, 10.9876, 14.2727

Triad

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



8.2984, 10.9876, 10.7003



11.2213, 10.9876, 19.5559



12.0735, 10.9876, 7.5707

Complementary

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



8.2984, 10.9876, 10.7003



8.3059, 6.6123, 7.4954

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.



12.8364, 10.9876, 9.9181



8.2984, 10.9876, 10.7003



12.3184, 10.9876, 16.9815

Square

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



8.2984, 10.9876, 10.7003



9.9924, 10.9876, 19.8789



12.9294, 10.9876, 13.3227



10.9077, 10.9876, 6.4900

Rectangle

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



8.2984, 10.9876, 10.7003



8.7127, 10.9876, 16.7096



12.9294, 10.9876, 13.3227



12.3893, 10.9876, 8.2139

Sweetspot

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



8.2987, 10.9880, 10.7006



18.6620, 21.0560, 22.3448



8.4503, 11.1676, 6.1250



4.5528, 5.1614, 5.4664



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.



8.2987, 10.9880, 10.7006



13.0647, 18.2811, 17.0835



8.4262, 10.2371, 13.8444



2.8650, 3.1697, 3.3904



7.3581, 12.7069, 8.6474



37.9517, 66.1032, 42.8633

Inverse Universe

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



8.3059, 6.6123, 7.4954



13.0814, 9.5682, 10.7135



8.1771, 7.0393, 5.3426



2.8654, 2.8608, 3.1635



7.4232, 3.7822, 2.3609



38.3352, 19.5741, 10.3084

Previews

White Background



This preview shows how the XYZ color 8.2984, 10.9876, 10.7003 looks on a white background.

Color Contrast Check

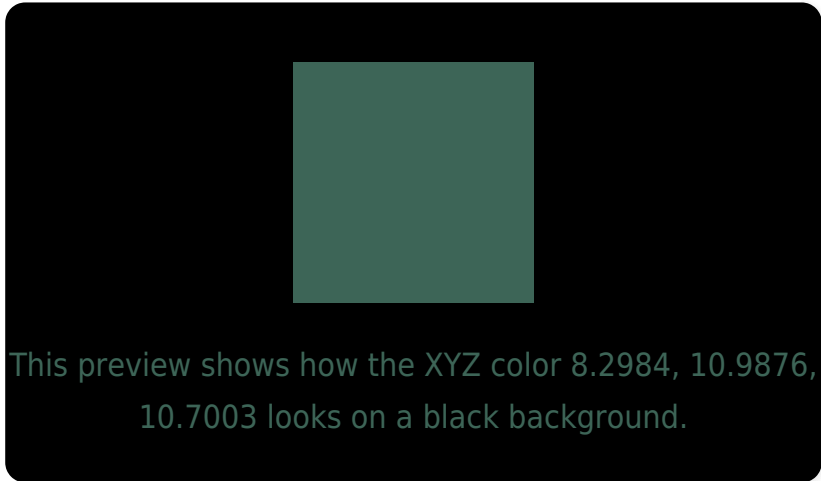
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 8.2984, 10.9876, 10.7003

Background



This preview shows how black text looks on a background with the XYZ color 8.2984, 10.9876, 10.7003.



This preview shows how white text looks on a background with the XYZ color 8.2984, 10.9876,

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

8.2984, 10.9876, 10.7003

Protanopia

10.4054, 10.9946, 9.7574

Deuteranopia

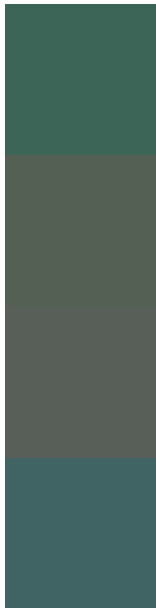
11.0529, 10.9172, 10.9759



Tritanopia

9.2160, 10.9342, 15.2605

Trichromacy



Original Color

8.2984, 10.9876, 10.7003

Protanomaly

9.4393, 10.8907, 9.9921

Deuteranomaly

9.7887, 10.7847, 10.7983

Tritanomaly

8.8283, 10.9145, 13.4458

Monochromacy



Original Color

8.2984, 10.9876, 10.7003

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.6893, 9.9621, 10.4817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.2984, 10.9876, 10.7003 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(61, 101, 87)` looks like.

```
.text, #text, p{  
    color:rgb(61, 101, 87)  
}
```

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(61, 101, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 101, 87) }
```

Border

The CSS property to change the border of an element to XYZ 8.2984, 10.9876, 10.7003 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(61, 101, 87) }
```


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

```
.border{ border-color:rgb(61, 101, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 101, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 101, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 101, 87);  
box-shadow:4px 4px 4px 4px rgb(61, 101,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 8.2984, 10.9876, 10.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 101, 87) }
```

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

```
.background{ background-color: rgb(61, 101,  
87) }
```

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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