

Converting Colors

XYZ(11.3180, 10.9163, 14.3290)

Have a look what the booklet for
XYZ(11.3180, 10.9163, 14.3290)
contains.

XYZ(11.2761, 10.8334, 14.3287)	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(11.2761, 10.8334,
14.3287)**

Conversions

Conversions Part 1

Format	Color
Hex	645967
RGB	100, 89, 103
RGB Percent	39%, 35%, 40%
CMY	0.6078, 0.6510, 0.5961
CMYK	0.03, 0.14, 0.00, 0.60
HSL	287°, 7%, 38%
HSV	287°, 14%, 40%
XYZ	11.2761, 10.8334, 14.3287
YIQ	93.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

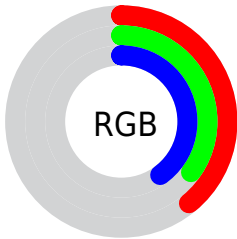
Format	Color
R_{YB}	100, 89, 103
Decimal	6576487
CIE Lab	39.30, 7.33, -6.39
CIE LCh	39, 9.721, 318.927
Yxy	10.8334, 0.3095, 0.2973
Android (android.graphics.Color)	4284766567 (0xFF645967)
YUV	93.8850, 4.4937, 5.3629
Hunter-Lab	32.9141, 3.5528, -2.7712

Details

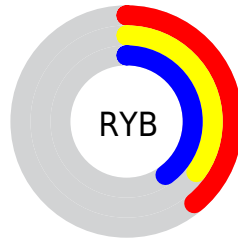
The XYZ color **11.2761, 10.8334, 14.3287** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0675, 12.6974, 11.3193**, and the grayscale version is **10.6018, 11.1540, 12.1467**.

A 20% lighter version of the original color is **27.8279, 27.3776, 34.3896**, and **3.0827, 2.8438, 4.1278** is the 20% darker color. If you saturate the color by 10%, you get **10.2375, 9.1136, 14.0517**, and if you desaturate by 10%, it is **12.4419, 12.7974, 14.6465**.

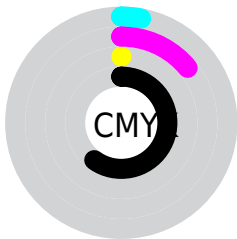
Distribution



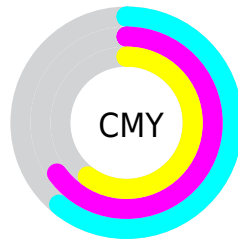
- Red (39%)
- Green (35%)
- Blue (40%)



- Red (39%)
- Yellow (35%)
- Blue (40%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2761, 10.8334, 14.3287 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 11.2761, 10.8334, 14.3287 by changing the saturation by 10% instead.

■ 11.2761, 10.8334,
14.3287

■ 11.2761, 10.8334,
14.3287

193.4215,
196.5210, 230.7653

■ 6.3215, 5.9549,
8.2083

■ 27.7981, 27.3517,
34.3966

■ 3.0841, 2.8177,
4.1388

■ 40.0961, 39.7603,
49.1812

■ 1.1984, 1.0373,
1.7018

■ 55.5728, 55.4477,
67.6909

■ 0.1051, 0.0000,
0.3620

■ 74.5933, 74.7983,
90.3443

■ 0.0000, 0.0000,
0.0000

■ 97.5231, 98.1966,
117.5599

124.7275,

126.0268, 149.7562

156.5718,
158.6735, 187.3518

■ 11.2761, 10.8334,
14.3287

■ 11.2761, 10.8334,
14.3287

■ 10.2375, 9.1136,
14.0517

■ 12.4419, 12.7974,
14.6465

■ 9.3202, 7.6268,
13.8130

■ 13.7387, 15.0136,
15.0059

■ 8.5190, 6.3627,
13.6112

■ 15.1712, 17.4914,
15.4087

■ 7.8283, 5.3099,
13.4444

■ 16.7437, 20.2391,
15.8562

■ 7.2418, 4.4559,
13.3105

■ 18.4603, 23.2648,
16.3497

6.7525, 3.7870,
13.2072

20.3248, 26.5762,
16.8906

6.3526, 3.2874,
13.1318

22.3411, 30.1807,
17.4801

6.0293, 2.9318,
13.0802

24.5126, 34.0855,
18.1193

5.8352, 2.7253,
13.0506

26.8429, 38.2974,
18.8095

Harmonies

Analogous

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



10.7109, 10.8334, 15.5486



11.2761, 10.8334, 14.3287



11.5834, 10.8334, 12.5024

Triad

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



11.2761, 10.8334, 14.3287



10.5407, 10.8334, 8.5973



9.1505, 10.8334, 13.0052

Complementary

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



11.2761, 10.8334, 14.3287



11.0675, 12.6974, 11.3193

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.



9.1092, 10.8334, 11.1162



11.2761, 10.8334, 14.3287



9.8935, 10.8334, 8.7013

Square

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



11.2761, 10.8334, 14.3287



11.1470, 10.8334, 9.2794



9.3759, 10.8334, 9.5804



9.4911, 10.8334, 14.7303

Rectangle

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



11.2761, 10.8334, 14.3287



11.5922, 10.8334, 11.2446



9.3759, 10.8334, 9.5804



9.1017, 10.8334, 12.3645

Sweetspot

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



11.2764, 10.8339, 14.3289



22.1625, 22.7184, 26.1941



10.3985, 10.7637, 14.3617



5.3750, 5.4883, 6.3819



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.2764, 10.8339, 14.3289



19.6329, 18.4682, 25.5070



11.4200, 10.9303, 13.3209



2.8814, 2.8610, 3.5323



7.3119, 3.4136, 16.4178



37.3828, 17.4158, 85.5927

Inverse Universe

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



11.0981, 10.8016, 11.6258



19.2594, 18.4031, 19.7266



10.9448, 12.6144, 12.2067



2.8513, 2.8552, 3.0894



7.2085, 3.6964, 1.2304



37.3218, 19.1687, 4.9720

Previews

White Background



This preview shows how the XYZ color 11.2761, 10.8334, 14.3287 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 11.2761, 10.8334, 14.3287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

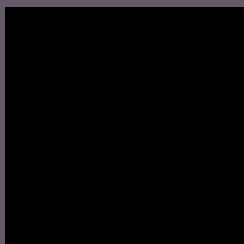
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2761, 10.8334, 14.3287

Background



This preview shows how black text looks on a background with the XYZ color 11.2761, 10.8334, 14.3287.



This preview shows how white text looks on a background with the XYZ color 11.2761, 10.8334,

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

11.2761, 10.8334, 14.3287

Protanopia

10.6913, 10.8984, 14.9047

Deuteranopia

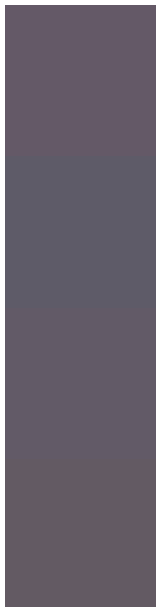
11.0341, 10.8330, 14.3414



Tritanopia

10.9594, 10.8280, 12.8217

Trichromacy



Original Color

11.2761, 10.8334, 14.3287

Protanomaly

10.8559, 10.8613, 14.6210

Deuteranomaly

11.1413, 10.8883, 14.3464

Tritanomaly

11.0539, 10.8658, 13.3191

Monochromacy



Original Color

11.2761, 10.8334, 14.3287

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8087, 11.0042, 12.8636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2761, 10.8334, 14.3287 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(100, 89, 103)` looks like.

```
.text, #text, p{  
    color:rgb(100, 89, 103)  
}
```

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(100, 89, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 89, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.2761, 10.8334, 14.3287 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(100, 89, 103) }
```


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

```
.border{ border-color:rgb(100, 89, 103) }
```

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

Here you see how a box with a 4 pixel rgb(100, 89, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 89, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 89, 103);  
box-shadow:4px 4px 4px 4px rgb(100, 89,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2761, 10.8334, 14.3287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 89, 103) }
```

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

```
.background{ background-color: rgb(100, 89,  
103) }
```

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