

Converting Colors

XYZ(7.3068, 10.3697, 8.3545)

Have a look what the booklet for
XYZ(7.3068, 10.3697, 8.3545)
contains.

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Color

**XYZ(7.2954, 10.3792,
8.2755)**

Conversions

Conversions Part 1

Format	Color
Hex	35644B
RGB	53, 100, 75
RGB Percent	21%, 39%, 29%
CMY	0.7921, 0.6078, 0.7059
CMYK	0.47, 0.00, 0.25, 0.61
HSL	148°, 31%, 30%
HSV	148°, 47%, 39%
XYZ	7.2954, 10.3792, 8.2755
YIQ	83.0970, -19.9870, -17.7390

Conversions

Conversions Part 2

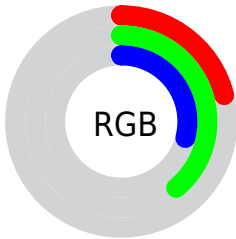
Format	Color
RYB	53, 85, 100
Decimal	3499083
CIELab	38.51, -22.49, 9.27
CIElCh	39, 24.323, 157.589
Yxy	10.3792, 0.2811, 0.4000
Android (android.graphics.Color)	4281689163 (0xFF35644B)
YUV	83.0970, -3.9918, -26.3951
Hunter-Lab	32.2168, -15.9585, 7.3220

Details

The XYZ color **7.2954, 10.3792, 8.2755** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.9042, 5.8059, 7.9123**, and the grayscale version is **8.2528, 8.6826, 9.4553**.

A 20% lighter version of the original color is **20.2982, 26.4720, 23.1086**, and **1.5455, 2.6580, 1.7279** is the 20% darker color. If you saturate the color by 10%, you get **6.6491, 10.0665, 7.3344**, and if you desaturate by 10%, it is **8.0672, 10.7554, 9.3025**.

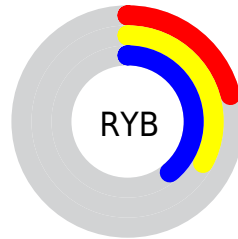
Distribution



Red (21%)

Green (39%)

Blue (29%)



Red (21%)

Yellow (33%)

Blue (39%)

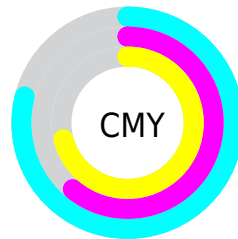


Cyan (47%)

Magenta (0%)

Yellow (25%)

Black (61%)



Cyan (79%)


Magenta (61%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.2954, 10.3792, 8.2755 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 7.2954, 10.3792, 8.2755 by changing the saturation by 10% instead.


 7.2954, 10.3792,
8.2755


 7.2954, 10.3792,
8.2755


164.5879,
193.3575, 187.8918


 3.6955, 5.6511,
4.1814

 20.2640, 26.5063,
23.0518


 1.5313, 2.6341,
1.7254


 30.3633, 38.6742,
34.5711

 0.3470, 0.9438,
0.3781

 43.3599, 54.0907,
49.4027

 0.0000, 0.0000,
0.0000

 59.6190, 73.1403,
67.9649

 79.5059, 96.2074,
90.6764

 103.3862,

123.6763, 117.9557

131.6251,
155.9316, 150.2213

■ 7.2954, 10.3792,
8.2755

■ 7.2954, 10.3792,
8.2755

■ 6.6491, 10.0665,
7.3344

■ 8.0672, 10.7554,
9.3025

■ 6.1203, 9.8123,
6.4761

■ 8.9704, 11.1973,
10.4167

■ 5.7012, 9.6131,
5.6985

■ 10.0114, 11.7084,
11.6206

■ 5.3827, 9.4640,
4.9991

■ 11.1960, 12.2916,
12.9162

■ 5.1368, 9.3508,
4.3743

■ 12.5296, 12.9498,
14.3053

■ 5.0665, 9.3184,
4.2006

■ 14.0173, 13.6854,
15.7900

■ 15.6640, 14.5010,
17.3719

■ 17.4745, 15.3990,
19.0530

■ 19.4530, 16.3816,
20.8349

Harmonies

Analogous

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



8.1119, 10.3792, 5.6772



7.2954, 10.3792, 8.2755



7.1294, 10.3792, 12.5000

Triad

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



7.2954, 10.3792, 8.2755



10.2753, 10.3792, 22.4194



12.4972, 10.3792, 6.7497

Complementary

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



7.2954, 10.3792, 8.2755



7.9042, 5.8059, 7.9123

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.



13.2240, 10.3792, 10.1816



7.2954, 10.3792, 8.2755



11.8543, 10.3792, 19.7764

Square

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



7.2954, 10.3792, 8.2755



8.7427, 10.3792, 21.5072



12.9769, 10.3792, 14.9868



11.0797, 10.3792, 4.9760

Rectangle

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



7.2954, 10.3792, 8.2755



7.3915, 10.3792, 15.8709



12.9769, 10.3792, 14.9868



12.8369, 10.3792, 7.7054

Sweetspot

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



7.2957, 10.3796, 8.2757



18.0638, 20.7780, 20.9442



8.3475, 10.9943, 5.0506



4.3666, 5.0741, 5.0666



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.



7.2957, 10.3796, 8.2757



11.5911, 17.6157, 12.7571



8.2509, 10.7617, 13.3056



2.8455, 3.1620, 3.2878



6.7613, 12.4682, 5.5047



34.8292, 64.8542, 26.4202

Inverse Universe

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



7.9042, 5.8059, 7.9123



12.7973, 8.5419, 12.0313



7.2082, 5.5275, 4.2475



2.8846, 2.8685, 3.2647



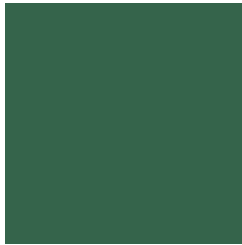
7.8808, 3.9653, 4.7705



40.6570, 20.5028, 22.5351

Previews

White Background



This preview shows how the XYZ color 7.2954, 10.3792, 8.2755 looks on a white background.

Color Contrast Check

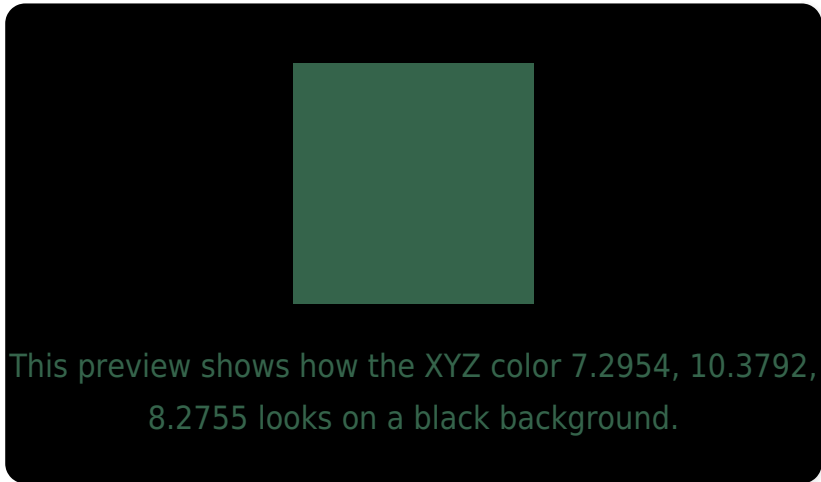
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.2954, 10.3792, 8.2755

Background



This preview shows how black text looks on a background with the XYZ color 7.2954, 10.3792, 8.2755.



This preview shows how white text looks on a background with the XYZ color 7.2954, 10.3792,

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

7.2954, 10.3792, 8.2755

Protanopia

9.5855, 10.2413, 7.2659

Deuteranopia

10.3769, 10.2500, 8.6393



Tritanopia

8.5450, 10.3259, 14.6394

Trichromacy



Original Color

7.2954, 10.3792, 8.2755

Protanomaly

8.4807, 10.1788, 7.6486

Deuteranomaly

8.9130, 10.1214, 8.5050

Tritanomaly

7.9378, 10.2096, 11.9082

Monochromacy



Original Color

7.2954, 10.3792, 8.2755

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

7.6928, 9.1017, 8.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.2954, 10.3792, 8.2755 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(53, 100, 75)` looks like.

```
.text, #text, p{  
    color:rgb(53, 100, 75)  
}
```

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(53, 100, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 100, 75) }
```

Border

The CSS property to change the border of an element to XYZ 7.2954, 10.3792, 8.2755 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(53, 100, 75) }
```


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

```
.border{ border-color:rgb(53, 100, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 100, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 100, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 100, 75);  
box-shadow:4px 4px 4px 4px rgb(53, 100,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 7.2954, 10.3792, 8.2755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 100, 75) }
```

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

```
.background{ background-color: rgb(53, 100,  
75) }
```

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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