

Converting Colors

XYZ(6.6972, 8.0854, 7.8841)

Have a look what the booklet for
XYZ(6.6972, 8.0854, 7.8841)
contains.

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Color

XYZ(6.6985, 8.1288, 7.8726)

Conversions

Conversions Part 1

Format	Color
Hex	41554B
RGB	65, 85, 75
RGB Percent	25%, 33%, 29%
CMY	0.7451, 0.6667, 0.7059
CMYK	0.24, 0.00, 0.12, 0.67
HSL	150°, 13%, 29%
HSV	150°, 24%, 33%
XYZ	6.6985, 8.1288, 7.8726
YIQ	77.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

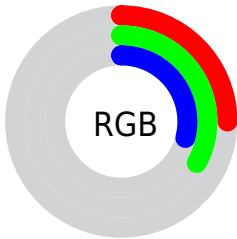
Format	Color
RYB	65, 78, 85
Decimal	4281675
CIELab	34.25, -10.06, 3.32
CIELCh	34, 10.596, 161.756
Yxy	8.1288, 0.2951, 0.3581
Android (android.graphics.Color)	4282471755 (0xFF41554B)
YUV	77.8800, -1.4198, -11.2958
Hunter-Lab	28.5111, -7.9568, 3.5863

Details

The XYZ color **6.6985, 8.1288, 7.8726** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.9069, 6.2202, 7.4936**, and the grayscale version is **7.2228, 7.5990, 8.2753**.

A 20% lighter version of the original color is **19.1121, 22.2939, 22.3646**, and **1.3370, 1.7871, 1.5708** is the 20% darker color. If you saturate the color by 10%, you get **6.0370, 7.8043, 7.1075**, and if you desaturate by 10%, it is **7.4549, 8.5016, 8.6932**.

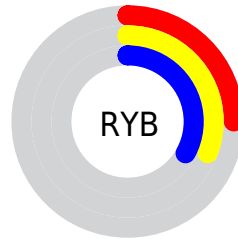
Distribution



 Red (25%)

 Green (33%)

 Blue (29%)




 Red (25%)

 Yellow (31%)

 Blue (33%)

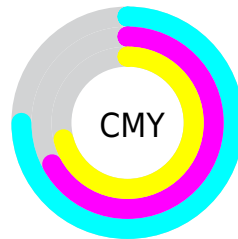


 Cyan (24%)


 Magenta (0%)

 Yellow (12%)

 Black (67%)



 Cyan (75%)

 Magenta (67%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.6985, 8.1288, 7.8726 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 6.6985, 8.1288, 7.8726 by changing the saturation by 10% instead.

6.6985, 8.1288,
7.8726

6.6985, 8.1288,
7.8726

159.7344,
176.7388, 184.6264

3.3189, 4.1775,
3.9269

19.0748, 22.2106,
22.2503

1.3246, 1.7733,
1.5853

28.8023, 33.1098,
33.5195

0.2015, 0.4705,
0.2803

41.3764, 47.0938,
48.0669

0.0000, 0.0000,
0.0000

57.1625, 64.5469,
66.3111

76.5260, 85.8536,
88.6706

99.8323, 111.3982,

115.5640

127.4466,
141.5651, 147.4097

■ 6.6985, 8.1288,
7.8726

■ 6.6985, 8.1288,
7.8726

■ 6.0370, 7.8043,
7.1075

■ 7.4549, 8.5016,
8.6932

■ 5.4658, 7.5249,
6.3963

■ 8.3092, 8.9235,
9.5700

■ 4.9808, 7.2890,
5.7378

■ 9.2653, 9.3967,
10.5041

■ 4.5774, 7.0941,
5.1309

■ 10.3263, 9.9228,
11.4968

■ 4.2506, 6.9376,
4.5742

■ 11.4956, 10.5035,
12.5489

■ 3.9947, 6.8166,
4.0664

■ 12.7761, 11.1403,
13.6616

■ 3.7959, 6.7241,
3.6056

■ 14.1708, 11.8347,
14.8357

■ 3.6755, 6.6680,
3.3308

■ 15.6825, 12.5882,
16.0723

■ 17.3138, 13.4022,
17.3723

Harmonies

Analogous

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



6.9954, 8.1288, 6.6426



6.6985, 8.1288, 7.8726



6.6683, 8.1288, 9.5291

Triad

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



6.6985, 8.1288, 7.8726



7.9595, 8.1288, 12.4262



8.6033, 8.1288, 6.8595

Complementary

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



6.6985, 8.1288, 7.8726



6.9069, 6.2202, 7.4936

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.



8.8904, 8.1288, 8.2056



6.6985, 8.1288, 7.8726



8.5062, 8.1288, 11.5013

Square

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



6.6985, 8.1288, 7.8726



7.3766, 8.1288, 12.3073



8.8539, 8.1288, 9.9070



8.0867, 8.1288, 6.1110

Rectangle

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



6.6985, 8.1288, 7.8726



6.8015, 8.1288, 10.6724



8.8539, 8.1288, 9.9070



8.7310, 8.1288, 7.2494

Sweetspot

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



6.6987, 8.1291, 7.8728



13.6066, 14.9365, 15.7503



7.1307, 8.3883, 6.2445



3.4778, 3.8228, 4.0269



45.3388, 47.7000, 51.9453



3.7718, 3.9682, 4.3214

Same Dimension

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



6.6987, 8.1291, 7.8728



10.7921, 13.5500, 12.7065



7.0552, 8.2717, 9.7502



2.1174, 2.3463, 2.4558



5.9234, 10.7984, 5.2065



32.8220, 60.4791, 26.8635

Inverse Universe

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



6.9069, 6.2202, 7.4936



11.2130, 9.6906, 11.9399



6.6007, 6.0977, 5.8811



2.1404, 2.1346, 2.4138



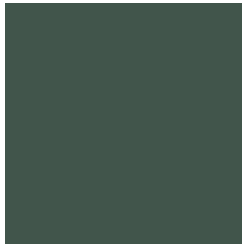
6.7309, 3.3942, 3.7357



37.3581, 18.8858, 18.6011

Previews

White Background



This preview shows how the XYZ color 6.6985, 8.1288, 7.8726 looks on a white background.

Color Contrast Check

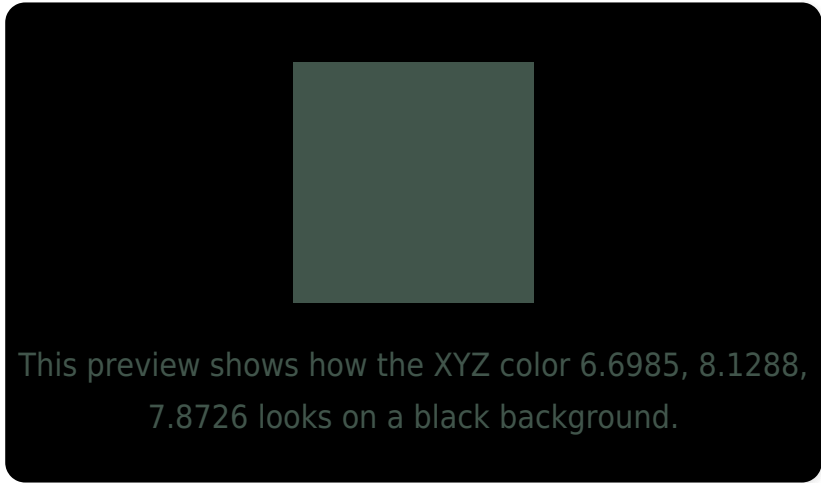
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

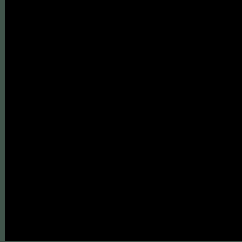
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 6.6985, 8.1288, 7.8726

Background



This preview shows how black text looks on a background with the XYZ color 6.6985, 8.1288, 7.8726.



This preview shows how white text looks on a background with the XYZ color 6.6985, 8.1288, 7.8726.

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

6.6985, 8.1288, 7.8726

Protanopia

7.6945, 8.0900, 7.2869

Deuteranopia

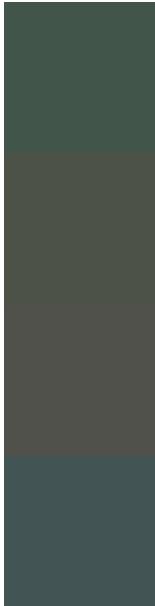
8.2804, 8.1583, 8.1595



Tritanopia

7.3226, 8.1536, 10.8607

Trichromacy



Original Color

6.6985, 8.1288, 7.8726

Protanomaly

7.2805, 8.0934, 7.4818

Deuteranomaly

7.6403, 8.1560, 8.0091

Tritanomaly

7.1248, 8.1898, 9.7996

Monochromacy



Original Color

6.6985, 8.1288, 7.8726

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

7.0296, 7.8371, 8.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.6985, 8.1288, 7.8726 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(65, 85, 75) looks like.

```
.text, #text, p{  
    color:rgb(65, 85, 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(65, 85, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 85, 75) }
```

Border

The CSS property to change the border of an element to XYZ 6.6985, 8.1288, 7.8726 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(65, 85, 75) }
```

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

```
.border{ border-color:rgb(65, 85, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 85, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 85, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 85, 75);  
box-shadow:4px 4px 4px 4px rgb(65, 85, 75)  
}
```


Background

The CSS property to change the background color of an element to XYZ 6.6985, 8.1288, 7.8726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 85, 75) }
```

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

```
.background{ background-color: rgb(65, 85,  
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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