

Converting Colors

XYZ(28.2838, 35.2194, 33.8724)

Have a look what the booklet for
XYZ(28.2838, 35.2194, 33.8724)
contains.

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Color

**XYZ(28.2570, 35.2794,
33.7541)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAA95
RGB	125, 170, 149
RGB Percent	49%, 67%, 58%
CMY	0.5098, 0.3333, 0.4157
CMYK	0.26, 0.00, 0.12, 0.33
HSL	152°, 21%, 58%
HSV	152°, 26%, 67%
XYZ	28.2570, 35.2794, 33.7541
YIQ	154.1510, -20.0790, -16.0710

Conversions

Conversions Part 2

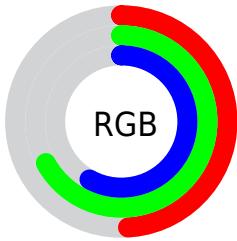
Format	Color
RYB	125, 154, 170
Decimal	8235669
CIELab	65.97, -19.59, 5.96
CIElCh	66, 20.480, 163.076
Yxy	35.2794, 0.2904, 0.3626
Android (android.graphics.Color)	4286425749 (0xFF7DAA95)
YUV	154.1510, -2.5394, -25.5654
Hunter-Lab	59.3965, -19.0250, 7.8839

Details

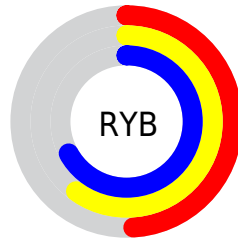
The XYZ color **28.2570, 35.2794, 33.7541** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.1007, 25.2895, 30.5432**, and the grayscale version is **30.7994, 32.4033, 35.2872**.

A 20% lighter version of the original color is **56.0648, 67.6272, 66.5983**, and **11.5847, 15.3346, 13.9046** is the 20% darker color. If you saturate the color by 10%, you get **25.3726, 33.8641, 30.4248**, and if you desaturate by 10%, it is **31.6113, 36.9339, 37.3322**.

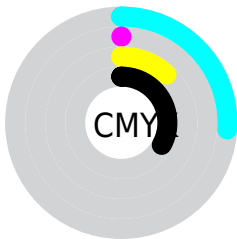
Distribution



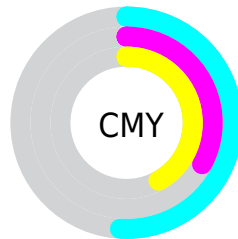
- Red (49%)
- Green (67%)
- Blue (58%)



- Red (49%)
- Yellow (60%)
- Blue (67%)



- Cyan (26%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2570, 35.2794, 33.7541 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 28.2570, 35.2794, 33.7541 by changing the saturation by 10% instead.

■ 28.2570, 35.2794,
33.7541

■ 28.2570, 35.2794,
33.7541

285.7508,
325.7999, 333.7698

■ 18.6609, 23.8782,
22.4289

■ 56.3003, 67.9184,
66.6806

■ 11.5281, 15.2433,
13.9711

■ 75.4782, 89.9249,
89.1190

■ 6.4931, 8.9903,
7.9620

■ 98.5807, 116.2354,
116.0989

■ 3.1907, 4.7349,
3.9832

125.9733,
147.2341, 148.0389

■ 1.2554, 2.0925,
1.6162

158.0212,
183.3055, 185.3574

■ 0.1494, 0.6604,
0.3023

195.0899,

■ 0.0000, 0.0000,

224.8340, 228.4730

0.0000

237.5446,
272.2040, 277.8043

■ 28.2570, 35.2794,
33.7541

■ 28.2570, 35.2794,
33.7541

■ 25.3726, 33.8641,
30.4248

■ 31.6113, 36.9339,
37.3322

■ 22.9327, 32.6721,
27.3364

■ 35.4535, 38.8338,
41.1620

■ 20.9139, 31.6924,
24.4839

■ 39.8042, 40.9907,
45.2495

■ 19.2893, 30.9113,
21.8615

■ 44.6820, 43.4141,
49.5996

■ 18.0287, 30.3132,
19.4626

■ 50.1043, 46.1128,
54.2170

■ 17.0972, 29.8804,
17.2807

■ 56.0879, 49.0954,
59.1066

■ 16.4469, 29.5881,
15.3082

■ 62.6488, 52.3702,
64.2728

■ 16.2493, 29.5004,
14.6595

■ 67.5588, 54.7882,
69.6150

■ 68.5876, 55.1997,
75.0327

Harmonies

Analogous

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



29.7051, 35.2794, 27.4605



28.2570, 35.2794, 33.7541



28.1667, 35.2794, 42.3169

Triad

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



28.2570, 35.2794, 33.7541



34.8687, 35.2794, 57.0846



37.9743, 35.2794, 28.0992

Complementary

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



28.2570, 35.2794, 33.7541



29.1007, 25.2895, 30.5432

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.



39.5387, 35.2794, 34.7574



28.2570, 35.2794, 33.7541



37.6743, 35.2794, 51.9486

Square

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



28.2570, 35.2794, 33.7541



31.8630, 35.2794, 56.7075



39.4258, 35.2794, 43.4826



35.2583, 35.2794, 24.5491

Rectangle

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



28.2570, 35.2794, 33.7541



28.8793, 35.2794, 48.2673



39.4258, 35.2794, 43.4826



38.6594, 35.2794, 30.0009

Sweetspot

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



28.2580, 35.2809, 33.7549



63.0936, 69.8476, 73.4854



30.0654, 36.4117, 24.8460



13.8328, 15.4588, 16.1547



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.2580, 35.2809, 33.7549



47.9724, 62.3905, 57.4983



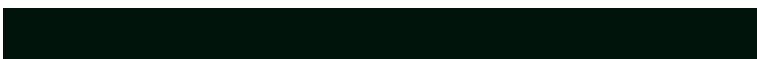
29.9489, 35.7329, 43.3507



7.5977, 8.4721, 8.8675



11.9810, 21.7112, 10.9327



0.3170, 0.5384, 0.4002

Inverse Universe

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



29.1007, 25.2895, 30.5432



49.7727, 41.0537, 50.6424



27.7092, 24.8854, 22.7454



7.6713, 7.5984, 8.5865



13.2696, 6.7165, 6.2311



0.3489, 0.1738, 0.2886

Previews

White Background



This preview shows how the XYZ color 28.2570, 35.2794, 33.7541 looks on a white 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

Black Background



This preview shows how the XYZ color 28.2570, 35.2794, 33.7541 looks on a black 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

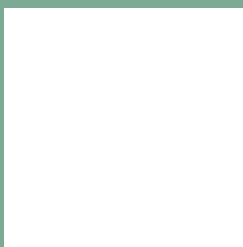
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2570, 35.2794, 33.7541

Background



This preview shows how black text looks on a background with the XYZ color 28.2570, 35.2794, 33.7541.



This preview shows how white text looks on a background with the XYZ color 28.2570, 35.2794,

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

28.2570, 35.2794, 33.7541

Protanopia

33.0819, 34.8864, 30.9768

Deuteranopia

35.5832, 34.8432, 34.5557



Tritanopia

31.1330, 35.3524, 47.8306

Trichromacy



Original Color

28.2570, 35.2794, 33.7541

Protanomaly

30.9705, 34.8180, 31.8763

Deuteranomaly

32.4548, 34.7469, 34.2744

Tritanomaly

29.9399, 35.1317, 42.2489

Monochromacy



Original Color

28.2570, 35.2794, 33.7541

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.5660, 33.2482, 34.5650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2570, 35.2794, 33.7541 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(125, 170, 149)` looks like.

```
.text, #text, p{  
    color:rgb(125, 170, 149)  
}
```

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(125, 170, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 170, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.2570, 35.2794, 33.7541 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(125, 170, 149) }
```


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

```
.border{ border-color:rgb(125, 170, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 170, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 170, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 170, 149);  
box-shadow:4px 4px 4px 4px rgb(125, 170,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2570, 35.2794, 33.7541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 170, 149) }
```

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

```
.background{ background-color: rgb(125,  
170, 149) }
```

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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