

Converting Colors

XYZ(27.9881, 32.7421, 32.6101)

Have a look what the booklet for
XYZ(27.9881, 32.7421, 32.6101)
contains.

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Color

**XYZ(28.0030, 32.7472,
32.4487)**

Conversions

Conversions Part 1

Format	Color
Hex	87A193
RGB	135, 161, 147
RGB Percent	53%, 63%, 58%
CMY	0.4706, 0.3686, 0.4235
CMYK	0.16, 0.00, 0.09, 0.37
HSL	148°, 12%, 58%
HSV	148°, 16%, 63%
XYZ	28.0030, 32.7472, 32.4487
YIQ	151.6300, -11.0020, -9.8660

Conversions

Conversions Part 2

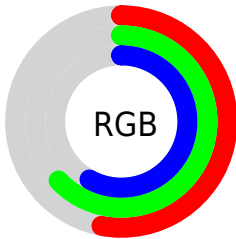
Format	Color
RYB	135, 153, 161
Decimal	8888723
CIELab	63.96, -11.93, 4.26
CIElCh	64, 12.671, 160.335
Yxy	32.7472, 0.3005, 0.3514
Android (android.graphics.Color)	4287078803 (0xFF87A193)
YUV	151.6300, -2.2826, -14.5845
Hunter-Lab	57.2252, -12.7955, 6.4381

Details

The XYZ color **28.0030, 32.7472, 32.4487** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.7879, 27.0758, 32.1441**, and the grayscale version is **29.6993, 31.2459, 34.0268**.

A 20% lighter version of the original color is **55.8375, 64.0201, 64.6725**, and **11.3263, 13.7131, 13.1163** is the 20% darker color. If you saturate the color by 10%, you get **24.9511, 31.2505, 28.8876**, and if you desaturate by 10%, it is **31.4998, 34.4692, 36.2998**.

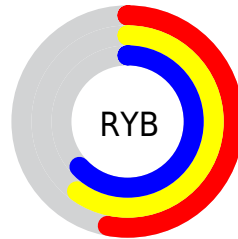
Distribution



Red (53%)

Green (63%)

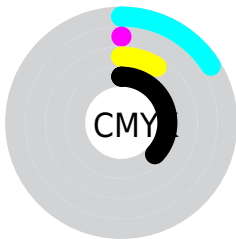
Blue (58%)



Red (53%)

Yellow (60%)

Blue (63%)

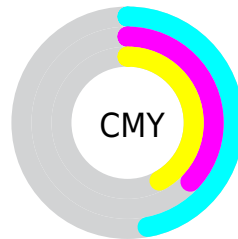


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0030, 32.7472, 32.4487 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 28.0030, 32.7472, 32.4487 by changing the saturation by 10% instead.

■ 28.0030, 32.7472,
32.4487

■ 28.0030, 32.7472,
32.4487

284.5611,
314.5091, 327.7137

■ 18.4684, 21.9329,
21.4368

■ 55.8978, 63.9806,
64.6199

■ 11.3885, 13.8076,
13.2493

■ 74.9888, 85.1685,
86.6163

■ 6.3980, 7.9869,
7.4677

■ 97.9959, 110.5831,
113.1113

■ 3.1315, 4.0866,
3.6734

125.2845,
140.6086, 144.5233

■ 1.2237, 1.7221,
1.4480

157.2199,
175.6296, 181.2711

■ 0.1249, 0.4379,
0.1787

194.1676,

■ 0.0000, 0.0000,

216.0304, 223.7730

0.0000

236.4929,
262.1954, 272.4477

■ 28.0030, 32.7472,
32.4487

■ 28.0030, 32.7472,
32.4487

■ 24.9511, 31.2505,
28.8876

■ 31.4998, 34.4692,
36.2998

■ 22.3227, 29.9654,
25.6074

■ 35.4562, 36.4211,
40.4450

■ 20.0987, 28.8830,
22.6020

■ 39.8898, 38.6129,
44.8916

■ 18.2573, 27.9925,
19.8640

■ 44.8163, 41.0525,
49.6454

■ 16.7747, 27.2815,
17.3857

■ 50.2505, 43.7474,
54.7125

■ 15.6243, 26.7365,
15.1591

■ 56.2069, 46.7050,
60.0985

■ 14.7753, 26.3419,
13.1757

■ 62.6991, 49.9322,
65.8090

■ 14.1854, 26.0759,
11.4259

■ 66.4270, 51.7275,
71.6945

■ 13.9917, 25.9895,
10.8112

■ 67.5804, 52.1889,
77.7684

Harmonies

Analogous

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



28.9556, 32.7472, 28.6742



28.0030, 32.7472, 32.4487



27.8685, 32.7472, 37.4493

Triad

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



28.0030, 32.7472, 32.4487



31.7452, 32.7472, 46.2298



33.8162, 32.7472, 29.6633

Complementary

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



28.0030, 32.7472, 32.4487



28.7879, 27.0758, 32.1441

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.



34.6263, 32.7472, 33.9212



28.0030, 32.7472, 32.4487



33.4006, 32.7472, 43.6883

Square

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



28.0030, 32.7472, 32.4487



29.9842, 32.7472, 45.7393



34.4713, 32.7472, 39.0683



32.2949, 32.7472, 27.1757

Rectangle

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



28.0030, 32.7472, 32.4487



28.2552, 32.7472, 40.8560



34.4713, 32.7472, 39.0683



34.1833, 32.7472, 30.9173

Sweetspot

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



28.0039, 32.7486, 32.4494



57.1197, 62.0779, 65.7657



29.5684, 33.6583, 27.8604



12.4302, 13.5668, 14.3197



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.0039, 32.7486, 32.4494



48.3123, 57.7443, 56.0103



29.0566, 33.1696, 37.9927



7.1152, 7.9469, 8.2182



11.1945, 20.7641, 8.7405



0.2590, 0.4458, 0.3090

Inverse Universe

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



28.7879, 27.0758, 32.1441



49.9580, 45.8353, 55.3688



27.8282, 26.6919, 27.0904



7.2258, 7.1468, 8.1752



13.1237, 6.6055, 7.8421



0.2993, 0.1482, 0.2889

Previews

White Background



This preview shows how the XYZ color 28.0030, 32.7472, 32.4487 looks on a white background.

Color Contrast Check

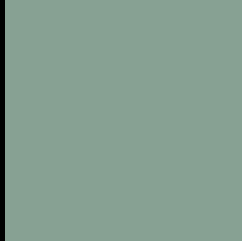
Large Text (above 18pt) WCAG AA × Fail

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 28.0030, 32.7472, 32.4487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

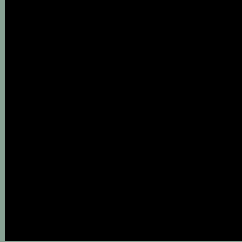
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0030, 32.7472, 32.4487

Background



This preview shows how black text looks on a background with the XYZ color 28.0030, 32.7472, 32.4487.



This preview shows how white text looks on a background with the XYZ color 28.0030, 32.7472,

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

28.0030, 32.7472, 32.4487

Protanopia

31.0107, 32.5680, 30.6384

Deuteranopia

33.1855, 32.4355, 32.9454



Tritanopia

30.1300, 32.8450, 42.7819

Trichromacy



Original Color

28.0030, 32.7472, 32.4487

Protanomaly

29.8535, 32.7069, 31.1252

Deuteranomaly

31.0346, 32.2915, 32.6142

Tritanomaly

29.4010, 32.8082, 38.9654

Monochromacy



Original Color

28.0030, 32.7472, 32.4487

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.0804, 31.7557, 33.4509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0030, 32.7472, 32.4487 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(135, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(135, 161, 147)  
}
```

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(135, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 161, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.0030, 32.7472, 32.4487 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(135, 161, 147) }
```


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

```
.border{ border-color:rgb(135, 161, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 161, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(135, 161,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0030, 32.7472, 32.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 161, 147) }
```

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

```
.background{ background-color: rgb(135,  
161, 147) }
```

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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