

Converting Colors

XYZ(25.2856, 27.5457, 17.3488)

Have a look what the booklet for
XYZ(25.2856, 27.5457, 17.3488)
contains.

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Color

**XYZ(25.2856, 27.5457,
17.3488)**

Conversions

Conversions Part 1

Format	Color
Hex	979069
RGB	151, 144, 105
RGB Percent	59%, 56%, 41%
CMY	0.4078, 0.4353, 0.5882
CMYK	0.00, 0.05, 0.30, 0.41
HSL	51°, 18%, 50%
HSV	51°, 30%, 59%
XYZ	25.2856, 27.5457, 17.3488
YIQ	141.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

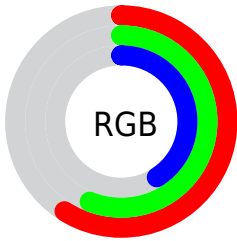
Format	Color
R_{YB}	113, 151, 105
Decimal	9932905
CIE _{Lab}	59.48, -3.75, 21.71
CIE _{LCh}	59, 22.027, 99.811
Yxy	27.5457, 0.3603, 0.3925
Android (android.graphics.Color)	4288122985 (0xFF979069)
YUV	141.6470, -18.0670, 8.2026
Hunter-Lab	52.4840, -5.8497, 17.1402

Details

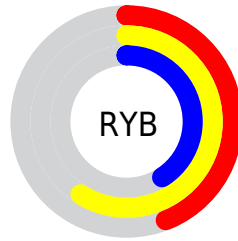
The XYZ color **25.2856, 27.5457, 17.3488** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2058, 16.8257, 31.6192**, and the grayscale version is **25.6367, 26.9718, 29.3723**.

A 20% lighter version of the original color is **51.7335, 55.9443, 39.9700**, and **9.8868, 10.9535, 5.4640** is the 20% darker color. If you saturate the color by 10%, you get **24.2333, 26.5747, 13.5031**, and if you desaturate by 10%, it is **26.4842, 28.5885, 21.9239**.

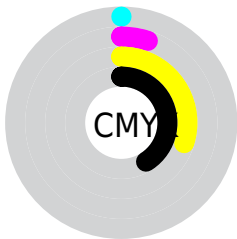
Distribution



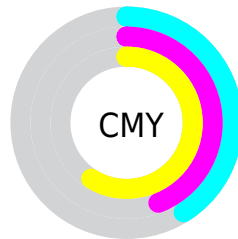
- Red (59%)
- Green (56%)
- Blue (41%)



- Red (44%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2856, 27.5457, 17.3488 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 25.2856, 27.5457, 17.3488 by changing the saturation by 10% instead.

■ 25.2856, 27.5457,
17.3488

■ 25.2856, 27.5457,
17.3488

271.5788,
290.2897, 249.2861

■ 16.4198, 17.9835,
10.3189

■ 51.5597, 55.7583,
39.7234

■ 9.9144, 10.9381,
5.5026

■ 69.6988, 75.1775,
55.9051

■ 5.4041, 6.0252,
2.4812

■ 91.6597, 98.6511,
75.9745

■ 2.5234, 2.8604,
0.8302

■ 117.8077,
126.5636, 100.3502

■ 0.9071, 1.0593,
0.0000

148.5083,
159.2993, 129.4507

■ 0.0000, 0.0000,
0.0000

184.1268,

197.2426, 163.6944

225.0285,
240.7779, 203.5001

■ 25.2856, 27.5457,
17.3488

■ 25.2856, 27.5457,
17.3488

■ 24.2333, 26.5747,
13.5031

■ 26.4842, 28.5885,
21.9239

■ 23.3179, 25.6688,
10.3466

■ 27.8339, 29.7020,
27.2622

■ 22.5321, 24.8259,
7.8380

■ 29.3416, 30.8903,
33.3977

■ 21.8670, 24.0425,
5.9307

■ 31.0133, 32.1557,
40.3614

■ 21.3125, 23.3143,
4.5720

■ 32.8548, 33.5006,
48.1832

■ 20.8569, 22.6367,
3.6999

■ 34.8713, 34.9272,
56.8910

■ 20.4859, 22.0260,
3.1717

■ 37.0681, 36.4375,
66.5117

■ 39.4500, 38.0337,
77.0711

■ 42.0218, 39.7177,
88.5939

Harmonies

Analogous

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



28.0600, 27.5457, 17.8486



25.2856, 27.5457, 17.3488



22.9219, 27.5457, 19.7483

Triad

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



25.2856, 27.5457, 17.3488



22.3050, 27.5457, 40.8390



31.4966, 27.5457, 35.5620

Complementary

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



25.2856, 27.5457, 17.3488



17.2058, 16.8257, 31.6192

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.



29.7360, 27.5457, 43.2793



25.2856, 27.5457, 17.3488



24.3885, 27.5457, 46.6786

Square

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



25.2856, 27.5457, 17.3488



21.2829, 27.5457, 32.6634



27.0980, 27.5457, 47.6428



31.7791, 27.5457, 27.4715

Rectangle

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



25.2856, 27.5457, 17.3488



21.8484, 27.5457, 22.9672



27.0980, 27.5457, 47.6428



31.0524, 27.5457, 38.3218

Sweetspot

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



25.2863, 27.5469, 17.3494



50.1769, 53.4577, 50.1513



20.7763, 17.8676, 17.8787



11.3253, 12.0865, 11.0798



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.2863, 27.5469, 17.3494



43.8869, 48.0537, 25.9318



23.7160, 28.3598, 17.5890



6.6289, 7.0628, 6.6197



17.4443, 18.7710, 2.7038



0.2798, 0.3187, 0.0468

Inverse Universe

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



17.2058, 16.8257, 31.6192



26.9020, 25.5229, 55.9422



18.4299, 16.3549, 31.4638



5.9566, 6.1705, 7.8061



5.0264, 2.4495, 25.1156



0.0921, 0.0705, 0.3811

Previews

White Background



This preview shows how the XYZ color 25.2856, 27.5457, 17.3488 looks on a white 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

Black Background



This preview shows how the XYZ color 25.2856, 27.5457, 17.3488 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 × Fail

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

XYZ 25.2856, 27.5457, 17.3488

Background



This preview shows how black text looks on a background with the XYZ color 25.2856, 27.5457, 17.3488.



This preview shows how white text looks on a background with the XYZ color 25.2856, 27.5457,

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

25.2856, 27.5457, 17.3488

Protanopia

25.6987, 27.5349, 17.3249

Deuteranopia

27.9094, 27.3669, 17.4470



Tritanopia

28.2236, 27.4148, 32.2378

Trichromacy



Original Color

25.2856, 27.5457, 17.3488

Protanomaly

25.5091, 27.4371, 17.3160

Deuteranomaly

26.8799, 27.4782, 17.5228

Tritanomaly

26.9381, 27.3196, 26.0437

Monochromacy



Original Color

25.2856, 27.5457, 17.3488

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4620, 27.2496, 24.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2856, 27.5457, 17.3488 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(151, 144, 105)` looks like.

```
.text, #text, p{  
    color:rgb(151, 144, 105)  
}
```

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(151, 144, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 144, 105) }
```

Border

The CSS property to change the border of an element to XYZ 25.2856, 27.5457, 17.3488 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(151, 144, 105) }
```


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

```
.border{ border-color:rgb(151, 144, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 144, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 144, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 144, 105);  
box-shadow:4px 4px 4px 4px rgb(151, 144,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2856, 27.5457, 17.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 144, 105) }
```

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

```
.background{ background-color: rgb(151,  
144, 105) }
```

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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