

Converting Colors

XYZ(27.6794, 28.8100, 29.2033)

Have a look what the booklet for
XYZ(27.6794, 28.8100, 29.2033)
contains.

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Color

**XYZ(27.6956, 28.7532,
29.2895)**

Conversions

Conversions Part 1

Format	Color
Hex	97918D
RGB	151, 145, 141
RGB Percent	59%, 57%, 55%
CMY	0.4078, 0.4314, 0.4471
CMYK	0.00, 0.04, 0.07, 0.41
HSL	24°, 5%, 57%
HSV	24°, 7%, 59%
XYZ	27.6956, 28.7532, 29.2895
YIQ	146.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

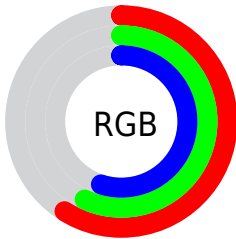
Format	Color
R_{YB}	151, 148, 141
Decimal	9933197
CIE Lab	60.56, 1.47, 2.90
CIE LCh	61, 3.250, 63.132
Yxy	28.7532, 0.3230, 0.3354
Android (android.graphics.Color)	4288123277 (0xFF97918D)
YUV	146.3380, -2.6316, 4.0886
Hunter-Lab	53.6220, -1.6438, 5.1499

Details

The XYZ color **27.6956, 28.7532, 29.2895** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0040, 28.7640, 33.4072**, and the grayscale version is **27.4700, 28.9006, 31.4728**.

A 20% lighter version of the original color is **55.4506, 57.7661, 59.8572**, and **11.2361, 11.6491, 11.5538** is the 20% darker color. If you saturate the color by 10%, you get **25.3190, 25.6769, 23.3269**, and if you desaturate by 10%, it is **30.3374, 32.1139, 36.0971**.

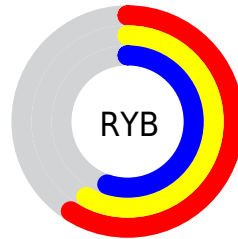
Distribution



Red (59%)

Green (57%)

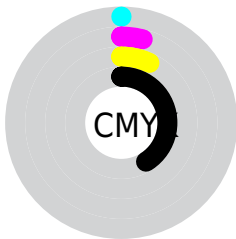
Blue (55%)



Red (59%)

Yellow (58%)

Blue (55%)

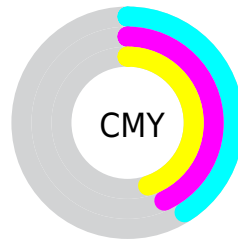


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (41%)



Cyan (41%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6956, 28.7532, 29.2895 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 27.6956, 28.7532, 29.2895 by changing the saturation by 10% instead.

■ 27.6956, 28.7532,
29.2895

■ 27.6956, 28.7532,
29.2895

283.1160,
296.0487, 312.6820

■ 18.2356, 18.8942,
19.0525

■ 55.4101, 57.6847,
59.5844

■ 11.2200, 11.5939,
11.5310

■ 74.3954, 77.5261,
80.4793

■ 6.2834, 6.4678,
6.3066

■ 97.2864, 101.4636,
105.7640

■ 3.0604, 3.1315,
2.9606

124.4486,
129.8818, 135.8569

■ 1.1858, 1.2008,
1.0745

156.2473,
163.1650, 171.1766

■ 0.0951, 0.0623,
0.0000

193.0479,

■ 0.0000, 0.0000,

201.6976, 212.1417

0.0000

235.2157,
245.8641, 259.1707

■ 27.6956, 28.7532,
29.2895

■ 27.6956, 28.7532,
29.2895

■ 25.3190, 25.6769,
23.3269

■ 30.3374, 32.1139,
36.0971

■ 23.1964, 22.8737,
18.1740

■ 33.2502, 35.7626,
43.7791

■ 21.3194, 20.3369,
13.7960

■ 36.4427, 39.7075,
52.3660

■ 19.6782, 18.0581,
10.1547

■ 39.9225, 43.9552,
61.8863

■ 18.2622, 16.0286,
7.2087

■ 43.6968, 48.5124,
72.3669

■ 17.0600, 14.2390,
4.9124

■ 47.7728, 53.3854,
83.8340

■ 16.0588, 12.6791,
3.2145

■ 52.1570, 58.5802,
96.3125

■ 15.2443, 11.3379,
2.0562

■ 55.7414, 63.6569,
103.9569

■ 14.5961, 10.2015,
1.3463

■ 58.1464, 68.4670,
104.7586

Harmonies

Analogous

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



28.0108, 28.7532, 30.0604



27.6956, 28.7532, 29.2895



27.2850, 28.7532, 29.0546

Triad

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



27.6956, 28.7532, 29.2895



26.5307, 28.7532, 31.4338



27.7728, 28.7532, 33.2840

Complementary

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



27.6956, 28.7532, 29.2895



27.0040, 28.7640, 33.4072

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.



27.3732, 28.7532, 33.6736



27.6956, 28.7532, 29.2895



26.6584, 28.7532, 32.5883

Square

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



27.6956, 28.7532, 29.2895



26.6151, 28.7532, 30.2738



26.9658, 28.7532, 33.4158



28.0557, 28.7532, 32.3641

Rectangle

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



27.6956, 28.7532, 29.2895



27.0131, 28.7532, 29.2286



26.9658, 28.7532, 33.4158



27.6475, 28.7532, 33.4824

Sweetspot

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



27.6964, 28.7545, 29.2901



51.7081, 54.1886, 57.8494



27.5542, 27.7360, 31.5054



11.7659, 12.3333, 13.1827



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.



27.6964, 28.7545, 29.2901



48.9153, 50.6151, 50.7153



28.4769, 30.3154, 29.5503



6.4016, 6.6083, 6.5440



12.2784, 8.4392, 0.9818



0.2177, 0.1945, 0.0261

Inverse Universe

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



27.0040, 28.7640, 33.4072



47.4029, 50.6359, 59.7090



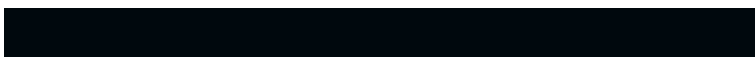
26.2438, 27.2435, 33.1538



6.1770, 6.6113, 7.8795



7.9309, 8.2585, 26.0837



0.1540, 0.1944, 0.4018

Previews

White Background



This preview shows how the XYZ color 27.6956, 28.7532, 29.2895 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 27.6956, 28.7532, 29.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

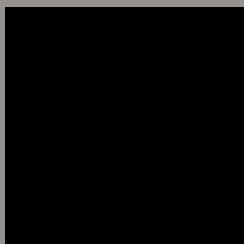
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

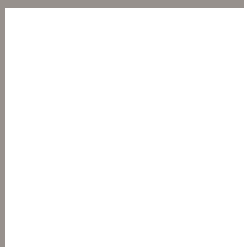
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6956, 28.7532, 29.2895

Background



This preview shows how black text looks on a background with the XYZ color 27.6956, 28.7532, 29.2895.



This preview shows how white text looks on a background with the XYZ color 27.6956, 28.7532,

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

27.6956, 28.7532, 29.2895

Protanopia

27.5108, 28.6579, 29.2809

Deuteranopia

29.3077, 28.6841, 29.5831



Tritanopia

28.7921, 28.7503, 34.6037

Trichromacy



Original Color

27.6956, 28.7532, 29.2895

Protanomaly

27.5108, 28.6579, 29.2809

Deuteranomaly

28.6560, 28.5681, 29.5950

Tritanomaly

28.3470, 28.7918, 32.4971

Monochromacy



Original Color

27.6956, 28.7532, 29.2895

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.5257, 28.8673, 30.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6956, 28.7532, 29.2895 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, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 141)  
}
```

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, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.6956, 28.7532, 29.2895 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, 145, 141) }
```


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

```
.border{ border-color:rgb(151, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6956, 28.7532, 29.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 141) }
```

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

```
.background{ background-color: rgb(151,  
145, 141) }
```

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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