

Converting Colors

XYZ(27.3139, 29.2481, 28.9485)

Have a look what the booklet for
XYZ(27.3139, 29.2481, 28.9485)
contains.

XYZ(27.3562, 29.2763, 29.0200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3562, 29.2763,
29.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	93948C
RGB	147, 148, 140
RGB Percent	58%, 58%, 55%
CMY	0.4235, 0.4196, 0.4510
CMYK	0.01, 0.00, 0.05, 0.42
HSL	68°, 4%, 56%
HSV	68°, 5%, 58%
XYZ	27.3562, 29.2763, 29.0200
YIQ	146.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

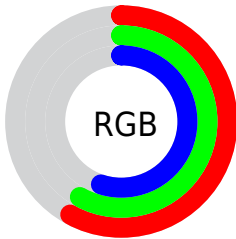
Format	Color
R_{YB}	140, 148, 141
Decimal	9671820
CIE _{Lab}	61.02, -1.88, 4.09
CIE _{LCh}	61, 4.503, 114.675
Yxy	29.2763, 0.3194, 0.3418
Android (android.graphics.Color)	4287861900 (0xFF93948C)
YUV	146.7890, -3.3470, 0.1850
Hunter-Lab	54.1076, -4.4406, 6.0758

Details

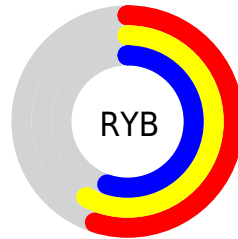
The XYZ color **27.3562, 29.2763, 29.0200** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7089, 26.5577, 31.7896**, and the grayscale version is **27.6595, 29.1000, 31.6899**.

A 20% lighter version of the original color is **54.9455, 58.5536, 59.4450**, and **10.9440, 11.7744, 11.3687** is the 20% darker color. If you saturate the color by 10%, you get **26.0080, 28.6999, 23.6382**, and if you desaturate by 10%, it is **28.8582, 29.9168, 35.1765**.

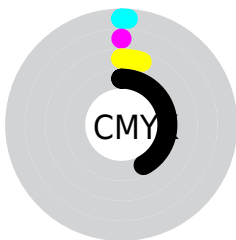
Distribution



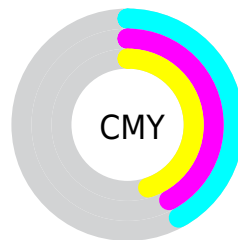
- Red (58%)
- Green (58%)
- Blue (55%)



- Red (55%)
- Yellow (58%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3562, 29.2763, 29.0200 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 27.3562, 29.2763, 29.0200 by changing the saturation by 10% instead.

■ 27.3562, 29.2763,
29.0200

■ 27.3562, 29.2763,
29.0200

281.5139,
298.5164, 311.3732

■ 17.9789, 19.2899,
18.8502

■ 54.8708, 58.5158,
59.1514

■ 11.0344, 11.8800,
11.3864

■ 73.7388, 78.5377,
79.9502

■ 6.1575, 6.6620,
6.2099

■ 96.5010, 102.6736,
105.1290

■ 2.9826, 3.2516,
2.9023

123.5229,
131.3078, 135.1064

■ 1.1446, 1.2645,
1.0450

155.1698,
164.8248, 170.3010

■ 0.0619, 0.1134,
0.0000

191.8070,

■ 0.0000, 0.0000,

203.6090, 211.1313

0.0000

233.7999,
248.0447, 258.0159

■ 27.3562, 29.2763,
29.0200

■ 27.3562, 29.2763,
29.0200

■ 26.0080, 28.6999,
23.6382

■ 28.8582, 29.9168,
35.1765

■ 24.8054, 28.1813,
18.9986

■ 30.5171, 30.6196,
42.1348

■ 23.7429, 27.7195,
15.0690

■ 32.3389, 31.3883,
49.9229

■ 22.8138, 27.3116,
11.8145

■ 34.3286, 32.2248,
58.5669

■ 22.0108, 26.9547,
9.1968

■ 36.4911, 33.1310,
68.0919

■ 21.3260, 26.6458,
7.1742

■ 38.8308, 34.1088,
78.5218

■ 20.7505, 26.3811,
5.6996

■ 41.3522, 35.1598,
89.8797

■ 20.2739, 26.1566,
4.7191

■ 43.5066, 36.0647,
99.2759

■ 19.8824, 25.9668,
4.1594

■ 43.8854, 36.2600,
99.2936

Harmonies

Analogous

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



27.9315, 29.2763, 28.7558



27.3562, 29.2763, 29.0200



26.9126, 29.2763, 30.0384

Triad

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



27.3562, 29.2763, 29.0200



27.1766, 29.2763, 34.5966



28.9690, 29.2763, 32.1788

Complementary

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



27.3562, 29.2763, 29.0200



25.7089, 26.5577, 31.7896

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.



28.7604, 29.2763, 33.7890



27.3562, 29.2763, 29.0200



27.7213, 29.2763, 35.2161

Square

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



27.3562, 29.2763, 29.0200



26.8099, 29.2763, 33.2500



28.3016, 29.2763, 34.9154



28.8679, 29.2763, 30.5422

Rectangle

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



27.3562, 29.2763, 29.0200



26.7484, 29.2763, 31.0275



28.3016, 29.2763, 34.9154



28.9327, 29.2763, 32.7417

Sweetspot

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



27.3570, 29.2776, 29.0206



49.1289, 52.0235, 54.7048



26.4623, 27.2202, 28.6707



11.2226, 11.8791, 12.5188



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.3570, 29.2776, 29.0206



48.0891, 51.5799, 50.4813



26.6638, 28.9202, 28.9882



6.2832, 6.7460, 6.5644



16.8542, 22.1165, 3.3806



0.2224, 0.2790, 0.0421

Inverse Universe

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



25.7089, 26.5577, 31.7896



44.8133, 46.1738, 55.9851



26.3896, 26.9086, 31.8215



5.8328, 6.0029, 7.3210



4.8014, 1.9478, 24.0539



0.0719, 0.0306, 0.2950

Previews

White Background



This preview shows how the XYZ color 27.3562, 29.2763, 29.0200 looks on a white background.

Color Contrast Check

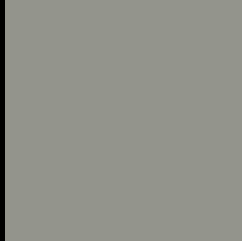
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3562, 29.2763, 29.0200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

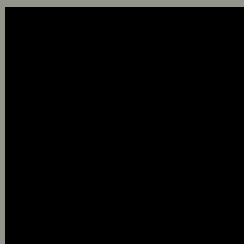
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

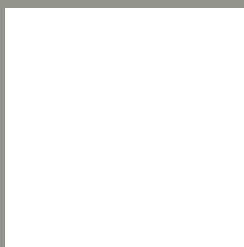
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3562, 29.2763, 29.0200

Background



This preview shows how black text looks on a background with the XYZ color 27.3562, 29.2763, 29.0200.



This preview shows how white text looks on a background with the XYZ color 27.3562, 29.2763,

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

27.3562, 29.2763, 29.0200

Protanopia

28.0428, 29.4069, 28.6242

Deuteranopia

29.7906, 29.1616, 29.2579



Tritanopia

28.7889, 29.1691, 36.0112

Trichromacy



Original Color

27.3562, 29.2763, 29.0200

Protanomaly

27.6716, 29.2155, 28.6068

Deuteranomaly

28.8815, 29.1387, 29.3014

Tritanomaly

28.2592, 29.1817, 33.4214

Monochromacy



Original Color

27.3562, 29.2763, 29.0200

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5004, 29.0841, 30.5499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3562, 29.2763, 29.0200 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(147, 148, 140)` looks like.

```
.text, #text, p{  
    color:rgb(147, 148, 140)  
}
```

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(147, 148, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 148, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.3562, 29.2763, 29.0200 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(147, 148, 140) }
```


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

```
.border{ border-color:rgb(147, 148, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 148, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 148, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 148, 140);  
box-shadow:4px 4px 4px 4px rgb(147, 148,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3562, 29.2763, 29.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 148, 140) }
```

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

```
.background{ background-color: rgb(147,  
148, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor