

Converting Colors

XYZ(26.1614, 27.6743, 28.7761)

Have a look what the booklet for
XYZ(26.1614, 27.6743, 28.7761)
contains.

XYZ(26.2085, 27.7693, 28.7896)	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(26.2085, 27.7693,
28.7896)**

Conversions

Conversions Part 1

Format	Color
Hex	90908C
RGB	144, 144, 140
RGB Percent	56%, 56%, 55%
CMY	0.4353, 0.4353, 0.4510
CMYK	0.00, 0.00, 0.03, 0.44
HSL	60°, 2%, 56%
HSV	60°, 3%, 56%
XYZ	26.2085, 27.7693, 28.7896
YIQ	143.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

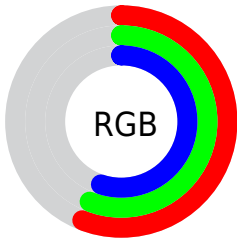
Format	Color
R_{YB}	140, 144, 140
Decimal	9474188
CIE Lab	59.68, -0.77, 2.11
CIE LCh	60, 2.249, 109.900
Yxy	27.7693, 0.3167, 0.3355
Android (android.graphics.Color)	4287664268 (0xFF90908C)
YUV	143.5440, -1.7472, 0.3999
Hunter-Lab	52.6966, -3.4425, 4.4958

Details

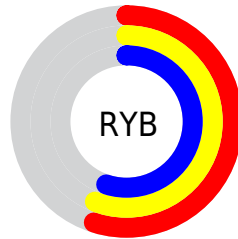
The XYZ color **26.2085, 27.7693, 28.7896** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2284, 26.3460, 30.1427**, and the grayscale version is **26.3331, 27.7045, 30.1702**.

A 20% lighter version of the original color is **53.2204, 56.2890, 59.0988**, and **10.4643, 11.1233, 11.2683** is the 20% darker color. If you saturate the color by 10%, you get **25.2140, 27.3722, 23.5583**, and if you desaturate by 10%, it is **27.3436, 28.2244, 34.7541**.

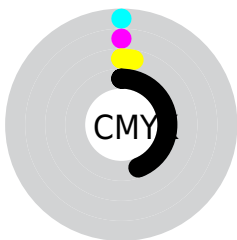
Distribution



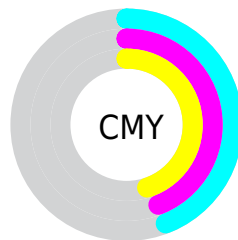
- Red (56%)
- Green (56%)
- Blue (55%)



- Red (55%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (44%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2085, 27.7693, 28.7896 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 26.2085, 27.7693, 28.7896 by changing the saturation by 10% instead.

■ 26.2085, 27.7693,
28.7896

■ 26.2085, 27.7693,
28.7896

276.0421,
291.3629, 310.2507

■ 17.1132, 18.1518,
18.6775

■ 53.0400, 56.1159,
58.7808

■ 10.4110, 11.0590,
11.2630

■ 71.5069, 75.6138,
79.4970

■ 5.7367, 6.1066,
6.1277

■ 93.8284, 99.1740,
104.5850

■ 2.7248, 2.9100,
2.8528

120.3699,
127.1809, 134.4634

■ 1.0099, 1.0849,
1.0200

151.4966,
160.0188, 169.5506

■ 0.0000, 0.0000,
0.0000

187.5740,

198.0722, 210.2652

228.9673,
241.7254, 257.0257

■ 26.2085, 27.7693,
28.7896

■ 26.2085, 27.7693,
28.7896

■ 25.2140, 27.3722,
23.5583

■ 27.3436, 28.2244,
34.7541

■ 24.3523, 27.0273,
19.0301

■ 28.6220, 28.7360,
41.4767

■ 23.6186, 26.7336,
15.1757

■ 30.0492, 29.3071,
48.9832

■ 23.0067, 26.4886,
11.9628

■ 31.6300, 29.9396,
57.2979

■ 22.5100, 26.2898,
9.3567

■ 33.3685, 30.6352,
66.4437

■ 22.1213, 26.1341,
7.3193

■ 35.2692, 31.3957,
76.4431

■ 21.8326, 26.0184,
5.8081

■ 37.3359, 32.2226,
87.3172

■ 21.6346, 25.9390,
4.7748

■ 39.5399, 33.1044,
98.9135

■ 21.5165, 25.8915,
4.1622

■ 39.5416, 33.1053,
98.9136

Harmonies

Analogous

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



26.4897, 27.7693, 28.7227



26.2085, 27.7693, 28.7896



25.9785, 27.7693, 29.2401

Triad

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



26.2085, 27.7693, 28.7896



26.0438, 27.7693, 31.4478



26.9350, 27.7693, 30.5111

Complementary

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



26.2085, 27.7693, 28.7896



25.2284, 26.3460, 30.1427

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.



26.8137, 27.7693, 31.2544



26.2085, 27.7693, 28.7896



26.2983, 27.7693, 31.8016

Square

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



26.2085, 27.7693, 28.7896



25.8839, 27.7693, 30.7714



26.5801, 27.7693, 31.7301



26.9106, 27.7693, 29.7070

Rectangle

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



26.2085, 27.7693, 28.7896



25.8845, 27.7693, 29.7019



26.5801, 27.7693, 31.7301



26.9099, 27.7693, 30.7766

Sweetspot

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



26.2093, 27.7705, 28.7902



46.5584, 49.1116, 52.5317



25.6142, 26.5796, 28.5917



10.6797, 11.2635, 12.0618



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



26.2093, 27.7705, 28.7902



46.1717, 48.9568, 50.4988



25.8633, 27.5921, 28.7740



5.9667, 6.3362, 6.4648



18.6853, 22.5252, 3.3630



0.1787, 0.2154, 0.0322

Inverse Universe

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



25.2284, 26.3460, 30.1427



44.2698, 46.1947, 53.1212



25.5683, 26.5212, 30.1586



5.6726, 5.9091, 6.8704



4.3849, 1.7541, 23.0845



0.0420, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 26.2085, 27.7693, 28.7896 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 26.2085, 27.7693, 28.7896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

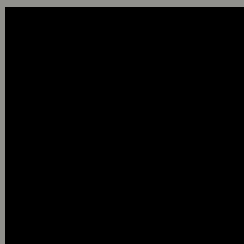
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

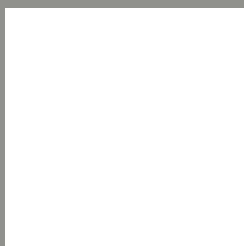
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2085, 27.7693, 28.7896

Background



This preview shows how black text looks on a background with the XYZ color 26.2085, 27.7693, 28.7896.



This preview shows how white text looks on a background with the XYZ color 26.2085, 27.7693,

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

26.2085, 27.7693, 28.7896

Protanopia

26.5153, 27.7120, 28.3776

Deuteranopia

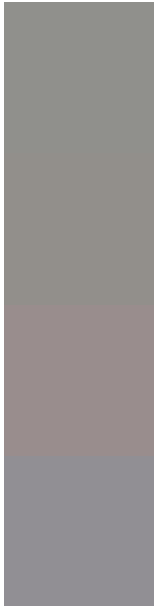
28.1409, 27.6574, 29.0545



Tritanopia

27.2768, 27.7569, 34.0570

Trichromacy



Original Color

26.2085, 27.7693, 28.7896

Protanomaly

26.3367, 27.6200, 28.3692

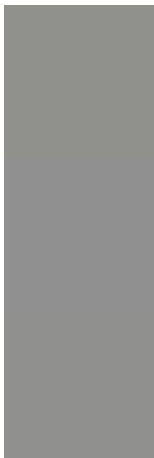
Deuteranomaly

27.4695, 27.7451, 29.1069

Tritanomaly

26.8448, 27.8028, 31.9686

Monochromacy



Original Color

26.2085, 27.7693, 28.7896

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4328, 27.8590, 29.9708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2085, 27.7693, 28.7896 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(144, 144, 140)` looks like.

```
.text, #text, p{  
    color:rgb(144, 144, 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(144, 144, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 144, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.2085, 27.7693, 28.7896 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(144, 144, 140) }
```


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

```
.border{ border-color:rgb(144, 144, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 144, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 144, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 144, 140);  
box-shadow:4px 4px 4px 4px rgb(144, 144,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2085, 27.7693, 28.7896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 144, 140) }
```

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

```
.background{ background-color: rgb(144,  
144, 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