

Converting Colors

XYZ(25.7473, 27.7985, 30.5971)

Have a look what the booklet for
XYZ(25.7473, 27.7985, 30.5971)
contains.

XYZ(25.7175, 27.6984, 30.7789)	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(25.7175, 27.6984,
30.7789)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9191
RGB	138, 145, 145
RGB Percent	54%, 57%, 57%
CMY	0.4588, 0.4314, 0.4314
CMYK	0.05, 0.00, 0.00, 0.43
HSL	180°, 3%, 55%
HSV	180°, 5%, 57%
XYZ	25.7175, 27.6984, 30.7789
YIQ	142.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

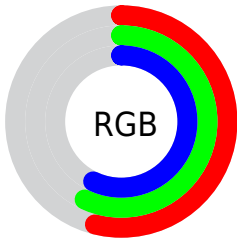
Format	Color
R_{YB}	138, 142, 145
Decimal	9081233
CIE _{Lab}	59.62, -2.53, -0.89
CIE _{LCh}	60, 2.684, 199.309
Yxy	27.6984, 0.3055, 0.3290
Android (android.graphics.Color)	4287271313 (0xFF8A9191)
YUV	142.9070, 1.0318, -4.3034
Hunter-Lab	52.6293, -4.8765, 2.1662

Details

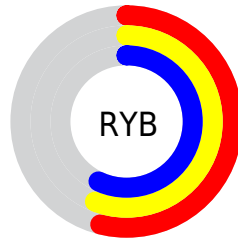
The XYZ color **25.7175, 27.6984, 30.7789** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3540, 26.0325, 27.7347**, and the grayscale version is **26.0692, 27.4268, 29.8678**.

A 20% lighter version of the original color is **52.2181, 56.0467, 62.0987**, and **10.1823, 11.0853, 12.4295** is the 20% darker color. If you saturate the color by 10%, you get **23.4767, 26.5440, 30.6726**, and if you desaturate by 10%, it is **28.2802, 29.0203, 30.9014**.

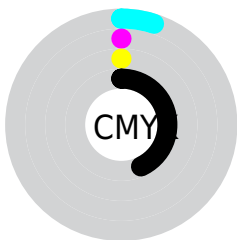
Distribution



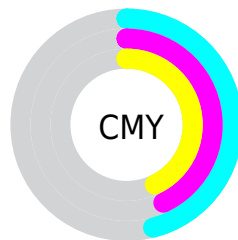
- Red (54%)
- Green (57%)
- Blue (57%)



- Red (54%)
- Yellow (56%)
- Blue (57%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7175, 27.6984, 30.7789 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 25.7175, 27.6984, 30.7789 by changing the saturation by 10% instead.

■ 25.7175, 27.6984,
30.7789

■ 25.7175, 27.6984,
30.7789

273.6747,
291.0229, 319.8380

■ 16.7440, 18.0984,
20.1735

■ 52.2534, 56.0026,
61.9673

■ 10.1463, 11.0207,
12.3359

■ 70.5465, 75.4755,
83.3874

■ 5.5591, 6.0807,
6.8476

■ 92.6769, 99.0083,
109.2494

■ 2.6170, 2.8942,
3.2899

119.0098,
126.9853, 139.9719

■ 0.9546, 1.0768,
1.2445

149.9107,
159.7908, 175.9735

■ 0.0000, 0.0000,
0.0157

185.7450,

■ 0.0000, 0.0000,

197.8094, 217.6727

0.0000

226.8778,
241.4253, 265.4880

■ 25.7175, 27.6984,
30.7789

■ 25.7175, 27.6984,
30.7789

■ 23.4767, 26.5440,
30.6726

■ 28.2802, 29.0203,
30.9014

■ 21.5428, 25.5471,
30.5802

■ 31.1744, 30.5122,
31.0388

■ 19.9033, 24.7020,
30.5015

■ 34.4120, 32.1812,
31.1923

■ 18.5436, 24.0011,
30.4359

■ 38.0040, 34.0329,
31.3623

■ 17.4481, 23.4364,
30.3826

■ 41.9605, 36.0725,
31.5495

■ 16.5998, 22.9991,
30.3410

■ 46.2915, 38.3052,
31.7541

■ 15.9793, 22.6792,
30.3100

■ 51.0064, 40.7358,
31.9768

■ 15.5647, 22.4655,
30.2886

■ 56.1144, 43.3690,
32.2178

■ 15.3273, 22.3432,
30.2755

■ 56.4802, 43.5575,
32.2369

Harmonies

Analogous

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



25.6926, 27.6984, 29.8146



25.7175, 27.6984, 30.7789



25.9048, 27.6984, 31.5932

Triad

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



25.7175, 27.6984, 30.7789



26.8227, 27.6984, 31.3896



26.4473, 27.6984, 28.3654

Complementary

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



25.7175, 27.6984, 30.7789



25.3540, 26.0325, 27.7347

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.



26.7528, 27.6984, 28.7686



25.7175, 27.6984, 30.7789



26.9707, 27.6984, 30.5057

Square

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



25.7175, 27.6984, 30.7789



26.5421, 27.6984, 31.9510



26.9450, 27.6984, 29.5472



26.1120, 27.6984, 28.4350

Rectangle

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



25.7175, 27.6984, 30.7789



26.0974, 27.6984, 31.9350



26.9450, 27.6984, 29.5472



26.5570, 27.6984, 28.4498

Sweetspot

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



25.7183, 27.6996, 30.7795



47.7336, 50.4686, 55.1988



25.2143, 27.5002, 28.0244



10.6255, 11.2307, 12.2798



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.



25.7183, 27.6996, 30.7795



45.5032, 49.3188, 55.0926



25.2090, 26.6807, 30.6106



5.7029, 6.1899, 6.9227



13.0655, 19.1220, 25.9625



0.1249, 0.1828, 0.2483

Inverse Universe

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



25.3540, 26.0325, 27.7347



44.6828, 45.5639, 48.2345



25.8470, 27.0188, 27.8982



5.5951, 5.6965, 6.0215



10.0161, 5.1634, 0.4700



0.0958, 0.0494, 0.0046

Previews

White Background



This preview shows how the XYZ color 25.7175, 27.6984, 30.7789 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 25.7175, 27.6984, 30.7789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

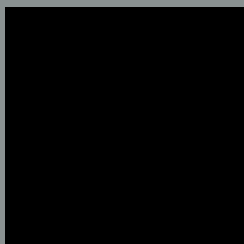
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

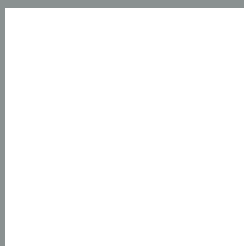
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7175, 27.6984, 30.7789

Background



This preview shows how black text looks on a background with the XYZ color 25.7175, 27.6984, 30.7789.



This preview shows how white text looks on a background with the XYZ color 25.7175, 27.6984,

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

25.7175, 27.6984, 30.7789

Protanopia

26.7106, 27.7695, 30.3378

Deuteranopia

28.1312, 27.6085, 31.0404



Tritanopia

26.5541, 27.5869, 34.9356

Trichromacy



Original Color

25.7175, 27.6984, 30.7789

Protanomaly

26.3350, 27.7998, 30.3634

Deuteranomaly

27.1076, 27.5146, 31.0763

Tritanomaly

26.2066, 27.6699, 33.2377

Monochromacy



Original Color

25.7175, 27.6984, 30.7789

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9918, 27.6229, 30.3474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7175, 27.6984, 30.7789 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(138, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(138, 145, 145)  
}
```

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(138, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.7175, 27.6984, 30.7789 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(138, 145, 145) }
```


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

```
.border{ border-color:rgb(138, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(138, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7175, 27.6984, 30.7789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 145, 145) }
```

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

```
.background{ background-color: rgb(138,  
145, 145) }
```

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