

Converting Colors

XYZ(26.4241, 27.2259, 34.2005)

Have a look what the booklet for
XYZ(26.4241, 27.2259, 34.2005)
contains.

XYZ(26.4073, 27.3086, 34.0163)	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(26.4073, 27.3086,
34.0163)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8E99
RGB	141, 142, 153
RGB Percent	55%, 56%, 60%
CMY	0.4471, 0.4431, 0.4000
CMYK	0.08, 0.07, 0.00, 0.40
HSL	235°, 6%, 58%
HSV	235°, 8%, 60%
XYZ	26.4073, 27.3086, 34.0163
YIQ	142.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

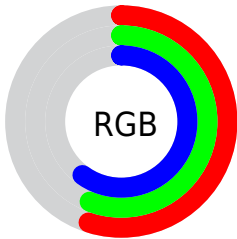
Format	Color
R_{YB}	141, 142, 153
Decimal	9277081
CIE _{Lab}	59.26, 1.87, -5.95
CIE _{LCh}	59, 6.238, 287.437
Yxy	27.3086, 0.3010, 0.3113
Android (android.graphics.Color)	4287467161 (0xFF8D8E99)
YUV	142.9550, 4.9522, -1.7145
Hunter-Lab	52.2576, -1.2496, -2.0136

Details

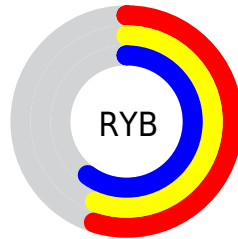
The XYZ color **26.4073, 27.3086, 34.0163** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1730, 31.1518, 29.6752**, and the grayscale version is **26.0732, 27.4310, 29.8724**.

A 20% lighter version of the original color is **53.5081, 55.5870, 66.9407**, and **10.5398, 10.8377, 14.1068** is the 20% darker color. If you saturate the color by 10%, you get **22.0267, 22.1461, 33.2511**, and if you desaturate by 10%, it is **31.4115, 33.1837, 34.8870**.

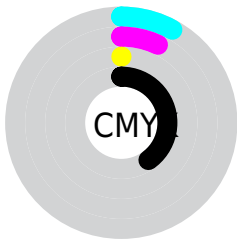
Distribution



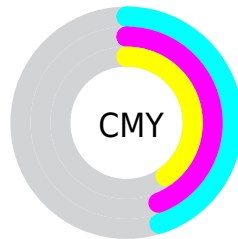
- Red (55%)
- Green (56%)
- Blue (60%)



- Red (55%)
- Yellow (56%)
- Blue (60%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4073, 27.3086, 34.0163 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 26.4073, 27.3086, 34.0163 by changing the saturation by 10% instead.

■ 26.4073, 27.3086,
34.0163

■ 26.4073, 27.3086,
34.0163

276.9960,
289.1482, 334.9761

■ 17.2629, 17.8051,
22.6287

■ 53.3579, 55.3787,
67.0932

■ 10.5186, 10.8102,
14.1168

■ 71.8948, 74.7141,
89.6195

■ 5.8090, 5.9393,
8.0623

■ 94.2933, 98.0956,
116.6959

■ 2.7688, 2.8082,
4.0465

120.9186,
125.9075, 148.7407

■ 1.0327, 1.0324,
1.6509

152.1362,
158.5344, 186.1726

■ 0.0000, 0.0000,
0.3267

188.3114,

■ 0.0000, 0.0000,

196.3605, 229.4101

0.0000

229.8095,
239.7703, 278.8718

■ 26.4073, 27.3086,
34.0163

■ 26.4073, 27.3086,
34.0163

■ 22.0267, 22.1461,
33.2511

■ 31.4115, 33.1837,
34.8870

■ 18.2428, 17.6658,
32.5858

■ 37.0597, 39.7934,
35.8651

■ 15.0306, 13.8400,
32.0166

■ 43.3748, 47.1632,
36.9548

■ 12.3621, 10.6382,
31.5393

■ 50.3774, 55.3162,
38.1594

■ 10.2071, 8.0272,
31.1489

■ 58.0875, 64.2745,
39.4821

■ 8.5325, 5.9705,
30.8402

■ 66.5242, 74.0595,
40.9262

■ 7.3011, 4.4280,
30.6073

■ 75.7058, 84.6916,
42.4944

■ 6.4704, 3.3539,
30.4438

■ 82.4908, 94.5619,
44.0420

■ 5.9735, 2.6858,
30.3410

■ 82.7499, 95.0799,
44.1283

Harmonies

Analogous

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



25.6317, 27.3086, 34.1197



26.4073, 27.3086, 34.0163



27.0746, 27.3086, 32.7305

Triad

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



26.4073, 27.3086, 34.0163



26.9821, 27.3086, 26.6864



24.5217, 27.3086, 28.8114

Complementary

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



26.4073, 27.3086, 34.0163



29.1730, 31.1518, 29.6752

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.



24.8687, 27.3086, 26.9270



26.4073, 27.3086, 34.0163



26.2831, 27.3086, 25.7420

Square

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



26.4073, 27.3086, 34.0163



27.4110, 27.3086, 28.4678



25.5099, 27.3086, 25.8279



24.5535, 27.3086, 31.0381

Rectangle

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



26.4073, 27.3086, 34.0163



27.3635, 27.3086, 31.4104



25.5099, 27.3086, 25.8279



24.5976, 27.3086, 28.1191

Sweetspot

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



26.4081, 27.3098, 34.0169



52.3548, 54.8548, 61.8006



28.0274, 30.7062, 34.0701



11.5856, 12.1420, 13.6505



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.



26.4081, 27.3098, 34.0169



46.1822, 47.6008, 60.7258



27.0937, 27.4429, 34.0065



5.9239, 6.1051, 7.7952



4.8800, 2.1567, 25.0668



0.0826, 0.0515, 0.3780

Inverse Universe

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



27.5449, 27.7757, 29.5019



48.5449, 48.5736, 51.3408



28.4484, 31.0206, 29.6881



6.2287, 6.2306, 6.5844



10.9220, 5.6230, 0.8482



0.1681, 0.0860, 0.0383

Previews

White Background



This preview shows how the XYZ color 26.4073, 27.3086, 34.0163 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 26.4073, 27.3086, 34.0163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

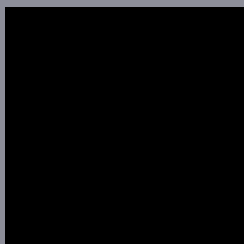
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

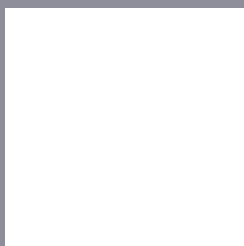
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4073, 27.3086, 34.0163

Background



This preview shows how black text looks on a background with the XYZ color 26.4073, 27.3086, 34.0163.

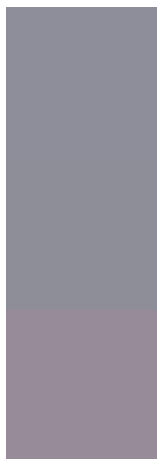


This preview shows how white text looks on a background with the XYZ color 26.4073, 27.3086,

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

26.4073, 27.3086, 34.0163

Protanopia

26.5781, 27.3967, 34.0243

Deuteranopia

27.8279, 27.3776, 34.3896



Tritanopia

26.4073, 27.3086, 34.0163

Trichromacy



Original Color

26.4073, 27.3086, 34.0163

Protanomaly

26.5781, 27.3967, 34.0243

Deuteranomaly

27.2434, 27.2923, 34.4039

Tritanomaly

26.4073, 27.3086, 34.0163

Monochromacy



Original Color

26.4073, 27.3086, 34.0163

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2442, 27.5023, 31.5290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4073, 27.3086, 34.0163 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(141, 142, 153)` looks like.

```
.text, #text, p{  
    color:rgb(141, 142, 153)  
}
```

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(141, 142, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 142, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.4073, 27.3086, 34.0163 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(141, 142, 153) }
```


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

```
.border{ border-color:rgb(141, 142, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 142, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(141, 142,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4073, 27.3086, 34.0163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 142, 153) }
```

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

```
.background{ background-color: rgb(141,  
142, 153) }
```

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