

Converting Colors

XYZ(26.7464, 30.1255, 38.2723)

Have a look what the booklet for
XYZ(26.7464, 30.1255, 38.2723)
contains.

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Color

**XYZ(26.7410, 30.1964,
38.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9AA1
RGB	127, 154, 161
RGB Percent	50%, 60%, 63%
CMY	0.5020, 0.3961, 0.3686
CMYK	0.21, 0.04, 0.00, 0.37
HSL	192°, 15%, 56%
HSV	192°, 21%, 63%
XYZ	26.7410, 30.1964, 38.1373
YIQ	146.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

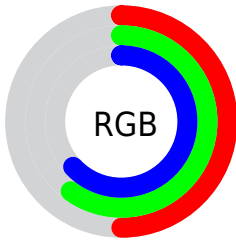
Format	Color
RYB	127, 142, 161
Decimal	8362657
CIELab	61.82, -7.82, -6.80
CIElCh	62, 10.362, 221.036
Yxy	30.1964, 0.2813, 0.3176
Android (android.graphics.Color)	4286552737 (0xFF7F9AA1)
YUV	146.7250, 7.0376, -17.2988
Hunter-Lab	54.9513, -9.3010, -2.6826

Details

The XYZ color **26.7410, 30.1964, 38.1373** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0541, 26.1597, 23.7027**, and the grayscale version is **27.5976, 29.0348, 31.6189**.

A 20% lighter version of the original color is **53.7729, 59.7729, 73.6689**, and **10.7253, 12.4041, 16.5808** is the 20% darker color. If you saturate the color by 10%, you get **23.9930, 27.9797, 37.8548**, and if you desaturate by 10%, it is **29.8891, 32.6433, 38.4442**.

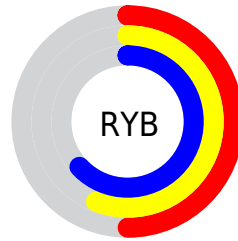
Distribution



Red (50%)

Green (60%)

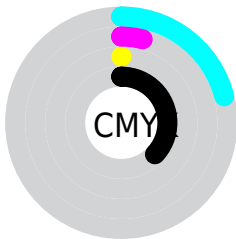
Blue (63%)



Red (50%)

Yellow (56%)

Blue (63%)

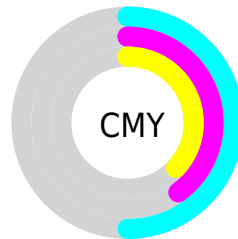


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (37%)



Cyan (50%)

Magenta (40%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7410, 30.1964, 38.1373 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 26.7410, 30.1964, 38.1373 by changing the saturation by 10% instead.

■ 26.7410, 30.1964,
38.1373

■ 26.7410, 30.1964,
38.1373

278.5914,
302.8188, 353.5244

■ 17.5144, 19.9877,
25.7866

■ 53.8908, 59.9726,
73.5243

■ 10.6995, 12.3861,
16.4397

■ 72.5447, 80.3090,
97.3977

■ 5.9309, 7.0072,
9.6781

■ 95.0717, 104.7900,
125.9490

■ 2.8434, 3.4666,
5.0833

121.8372,
133.8000, 159.5969

■ 1.0715, 1.3799,
2.2366

153.2066,
167.7236, 198.7598

■ 0.0011, 0.2019,
0.6954

189.5452,

■ 0.0000, 0.0000,

206.9449, 243.8564

0.0000

231.2183,
251.8486, 295.3051

■ 26.7410, 30.1964,
38.1373

■ 26.7410, 30.1964,
38.1373

■ 23.9930, 27.9797,
37.8548

■ 29.8891, 32.6433,
38.4442

■ 21.6240, 25.9799,
37.5936

■ 33.4517, 35.3257,
38.7742

■ 19.6154, 24.1879,
37.3536

■ 37.4457, 38.2533,
39.1287

■ 17.9454, 22.5924,
37.1336

■ 41.8864, 41.4341,
39.5086

■ 16.5900, 21.1807,
36.9326

■ 46.7881, 44.8756,
39.9146

■ 15.5220, 19.9388,
36.7492

■ 52.1646, 48.5852,
40.3472

■ 14.7092, 18.8496,
36.5818

■ 58.0290, 52.5698,
40.8072

■ 14.1344, 17.9758,
36.4434

■ 64.0983, 56.6836,
41.2814

■ 64.7778, 58.0426,
41.5079

Harmonies

Analogous

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



26.1687, 30.1964, 34.3584



26.7410, 30.1964, 38.1373



27.8451, 30.1964, 40.6211

Triad

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



26.7410, 30.1964, 38.1373



31.2902, 30.1964, 35.4167



28.1947, 30.1964, 25.9550

Complementary

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



26.7410, 30.1964, 38.1373



27.0541, 26.1597, 23.7027

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.



29.5738, 30.1964, 26.1885



26.7410, 30.1964, 38.1373



31.3911, 30.1964, 31.4422

Square

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



26.7410, 30.1964, 38.1373



30.4825, 30.1964, 38.9654



30.7540, 30.1964, 28.1273



26.9898, 30.1964, 27.4614

Rectangle

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



26.7410, 30.1964, 38.1373



28.7489, 30.1964, 41.0976



30.7540, 30.1964, 28.1273



28.6527, 30.1964, 25.8359

Sweetspot

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



26.7419, 30.1976, 38.1380



56.6265, 60.8109, 69.1397



25.7870, 31.7180, 27.2449



12.3358, 13.2740, 15.1556



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.7419, 30.1976, 38.1380



45.6635, 52.3029, 68.0753



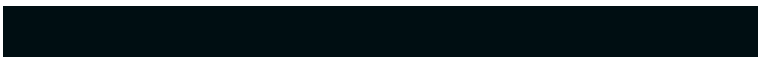
24.1601, 25.0341, 37.2774



7.1518, 7.7625, 9.0244



11.3181, 14.4156, 29.1157



0.2674, 0.3620, 0.6216

Inverse Universe

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



28.1208, 25.0896, 33.9339



48.5825, 41.7176, 59.1239



29.5637, 31.1788, 24.5392



7.3016, 7.1771, 8.5745



14.8583, 7.2994, 16.9764



0.3271, 0.1593, 0.4353

Previews

White Background



This preview shows how the XYZ color 26.7410, 30.1964, 38.1373 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.7410, 30.1964, 38.1373 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 ✓ Pass

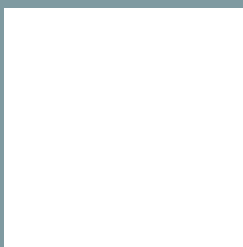
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7410, 30.1964, 38.1373

Background



This preview shows how black text looks on a background with the XYZ color 26.7410, 30.1964, 38.1373.



This preview shows how white text looks on a background with the XYZ color 26.7410, 30.1964,

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

26.7410, 30.1964, 38.1373

Protanopia

29.0701, 30.0037, 36.1574

Deuteranopia

30.6409, 30.0632, 38.8382



Tritanopia

27.1763, 30.1248, 40.4587

Trichromacy



Original Color

26.7410, 30.1964, 38.1373

Protanomaly

28.0624, 29.9440, 36.6485

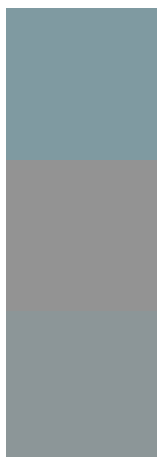
Deuteranomaly

28.9656, 29.8994, 38.4269

Tritanomaly

26.9942, 30.0520, 39.4998

Monochromacy



Original Color

26.7410, 30.1964, 38.1373

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3891, 29.6551, 33.9862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7410, 30.1964, 38.1373 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(127, 154, 161)` looks like.

```
.text, #text, p{  
    color:rgb(127, 154, 161)  
}
```

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(127, 154, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 154, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.7410, 30.1964, 38.1373 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(127, 154, 161) }
```


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

```
.border{ border-color:rgb(127, 154, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 154, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 154, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 154, 161);  
box-shadow:4px 4px 4px 4px rgb(127, 154,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7410, 30.1964, 38.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 154, 161) }
```

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

```
.background{ background-color: rgb(127,  
154, 161) }
```

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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