

Converting Colors

XYZ(26.2450, 29.3439, 37.5388)

Have a look what the booklet for
XYZ(26.2450, 29.3439, 37.5388)
contains.

XYZ(26.1642, 29.1833, 37.5116)	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(26.1642, 29.1833,
37.5116)**

Conversions

Conversions Part 1

Format	Color
Hex	7F97A0
RGB	127, 151, 160
RGB Percent	50%, 59%, 63%
CMY	0.5020, 0.4078, 0.3725
CMYK	0.21, 0.06, 0.00, 0.37
HSL	196°, 15%, 56%
HSV	196°, 21%, 63%
XYZ	26.1642, 29.1833, 37.5116
YIQ	144.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

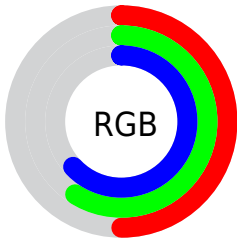
Format	Color
R_{YB}	127, 141, 160
Decimal	8361888
CIE _{Lab}	60.94, -6.39, -7.55
CIE _{LCh}	61, 9.890, 229.719
Yxy	29.1833, 0.2818, 0.3143
Android (android.graphics.Color)	4286551968 (0xFF7F97A0)
YUV	144.8500, 7.4690, -15.6544
Hunter-Lab	54.0216, -8.0851, -3.3548

Details

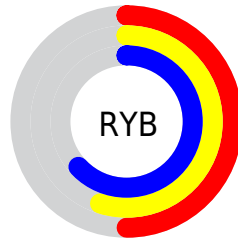
The XYZ color **26.1642, 29.1833, 37.5116** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1325, 26.6144, 23.7865**, and the grayscale version is **26.8291, 28.2263, 30.7385**.

A 20% lighter version of the original color is **52.9195, 58.2722, 72.7485**, and **10.3781, 11.7963, 16.1979** is the 20% darker color. If you saturate the color by 10%, you get **23.2789, 26.6735, 37.1797**, and if you desaturate by 10%, it is **29.4557, 31.9426, 37.8712**.

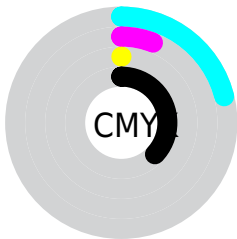
Distribution



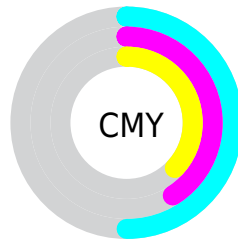
- Red (50%)
- Green (59%)
- Blue (63%)



- Red (50%)
- Yellow (55%)
- Blue (63%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (50%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1642, 29.1833, 37.5116 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 26.1642, 29.1833, 37.5116 by changing the saturation by 10% instead.

■ 26.1642, 29.1833,
37.5116

■ 26.1642, 29.1833,
37.5116

275.8291,
298.0788, 350.7554

■ 17.0798, 19.2195,
25.3050

■ 52.9691, 58.3682,
72.5540

■ 10.3871, 11.8290,
16.0833

■ 71.4204, 78.3581,
96.2269

■ 5.7206, 6.6274,
9.4281

■ 93.7247, 102.4588,
124.5589

■ 2.7150, 3.2302,
4.9209

120.2474,
131.0548, 157.9687

■ 1.0049, 1.2530,
2.1430

151.3539,
164.5304, 196.8746

■ 0.0000, 0.1044,
0.6412

187.4094,

■ 0.0000, 0.0000,

203.2700, 241.6954

0.0000

228.7794,
247.6580, 292.8494

■ 26.1642, 29.1833,
37.5116

■ 26.1642, 29.1833,
37.5116

■ 23.2789, 26.6735,
37.1797

■ 29.4557, 31.9426,
37.8712

■ 20.7791, 24.3998,
36.8726

■ 33.1676, 34.9569,
38.2574

■ 18.6461, 22.3529,
36.5899

■ 37.3168, 38.2360,
38.6716

■ 16.8585, 20.5215,
36.3306

■ 41.9184, 41.7881,
39.1147

■ 15.3928, 18.8929,
36.0935

■ 46.9866, 45.6209,
39.5874

■ 14.2220, 17.4527,
35.8773

■ 52.5352, 49.7419,
40.0904

■ 13.3146, 16.1844,
35.6803

■ 58.5772, 54.1582,
40.6244

■ 12.6337, 15.1151,
35.5098

■ 65.1242, 58.8761,
41.1899

■ 66.0568, 60.7413,
41.5008

Harmonies

Analogous

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



25.4668, 29.1833, 34.2344



26.1642, 29.1833, 37.5116



27.2973, 29.1833, 39.2939

Triad

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



26.1642, 29.1833, 37.5116



30.2519, 29.1833, 33.0610



26.9090, 29.1833, 25.5441

Complementary

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



26.1642, 29.1833, 37.5116



27.1325, 26.6144, 23.7865

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.



28.1831, 29.1833, 25.2833



26.1642, 29.1833, 37.5116



30.1400, 29.1833, 29.4375

Square

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



26.1642, 29.1833, 37.5116



29.6744, 29.1833, 36.5955



29.3734, 29.1833, 26.6564



25.8875, 29.1833, 27.3987

Rectangle

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



26.1642, 29.1833, 37.5116



28.1589, 29.1833, 39.3079



29.3734, 29.1833, 26.6564



27.3210, 29.1833, 25.2729

Sweetspot

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



26.1651, 29.1845, 37.5123



56.4245, 60.4068, 69.0723



25.7535, 31.4261, 27.9273



12.2872, 13.1769, 15.1394



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.



26.1651, 29.1845, 37.5123



44.8721, 50.7202, 67.8115



23.7204, 24.2952, 36.6974



6.6688, 7.2033, 8.4456



9.8793, 11.8500, 27.6738



0.2095, 0.2776, 0.5058

Inverse Universe

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



27.6732, 24.8874, 32.6247



48.1831, 41.5578, 57.0205



29.6055, 31.5604, 24.6108



6.8269, 6.7237, 7.9397



13.7848, 6.8185, 13.6496



0.2631, 0.1286, 0.3315

Previews

White Background



This preview shows how the XYZ color 26.1642, 29.1833, 37.5116 looks on a white background.

Color Contrast Check

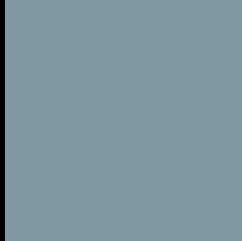
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1642, 29.1833, 37.5116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

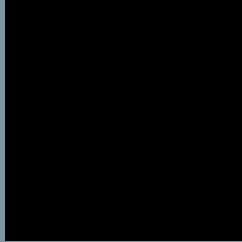
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

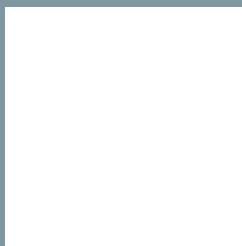
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1642, 29.1833, 37.5116

Background



This preview shows how black text looks on a background with the XYZ color 26.1642, 29.1833, 37.5116.



This preview shows how white text looks on a background with the XYZ color 26.1642, 29.1833,

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

26.1642, 29.1833, 37.5116

Protanopia

28.2187, 29.1031, 36.0285

Deuteranopia

29.6705, 29.1236, 38.2400



Tritanopia

26.5796, 29.3668, 38.9178

Trichromacy



Original Color

26.1642, 29.1833, 37.5116

Protanomaly

27.4089, 29.1374, 36.5272

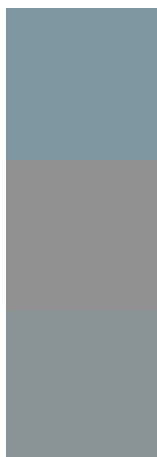
Deuteranomaly

28.2135, 29.0603, 37.8404

Tritanomaly

26.4903, 29.3310, 38.4477

Monochromacy



Original Color

26.1642, 29.1833, 37.5116

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4200, 28.4727, 32.9575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1642, 29.1833, 37.5116 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, 151, 160)` looks like.

```
.text, #text, p{  
    color:rgb(127, 151, 160)  
}
```

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, 151, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 160) }
```

Border

The CSS property to change the border of an element to XYZ 26.1642, 29.1833, 37.5116 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, 151, 160) }
```


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

```
.border{ border-color:rgb(127, 151, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 151, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 151, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 151, 160);  
box-shadow:4px 4px 4px 4px rgb(127, 151,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1642, 29.1833, 37.5116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 151, 160) }
```

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

```
.background{ background-color: rgb(127,  
151, 160) }
```

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