

Converting Colors

XYZ(28.1000, 30.2262, 47.3458)

Have a look what the booklet for
XYZ(28.1000, 30.2262, 47.3458)
contains.

XYZ(28.0706, 30.1874, 47.5273)	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(28.0706, 30.1874,
47.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	7E98B4
RGB	126, 152, 180
RGB Percent	49%, 60%, 71%
CMY	0.5059, 0.4039, 0.2941
CMYK	0.30, 0.16, 0.00, 0.29
HSL	211°, 26%, 60%
HSV	211°, 30%, 71%
XYZ	28.0706, 30.1874, 47.5273
YIQ	147.4180, -24.4840, 3.1960

Conversions

Conversions Part 2

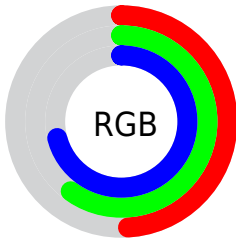
Format	Color
RYB	126, 144, 180
Decimal	8296628
CIELab	61.82, -2.44, -17.55
CIElCh	62, 17.718, 262.084
Yxy	30.1874, 0.2654, 0.2854
Android (android.graphics.Color)	4286486708 (0xFF7E98B4)
YUV	147.4180, 16.0629, -18.7836
Hunter-Lab	54.9431, -4.9541, -12.8274

Details

The XYZ color **28.0706, 30.1874, 47.5273** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.1442, 34.3210, 24.5644**, and the grayscale version is **27.8497, 29.3001, 31.9078**.

A 20% lighter version of the original color is **56.0340, 59.9020, 87.9658**, and **11.3861, 12.3355, 21.8596** is the 20% darker color. If you saturate the color by 10%, you get **24.1959, 26.0297, 46.9295**, and if you desaturate by 10%, it is **32.5440, 34.8321, 48.1886**.

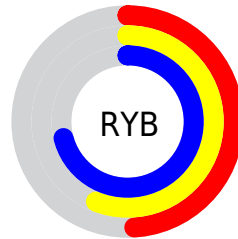
Distribution



Red (49%)

Green (60%)

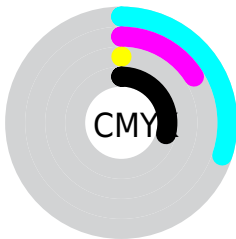
Blue (71%)



Red (49%)

Yellow (56%)

Blue (71%)

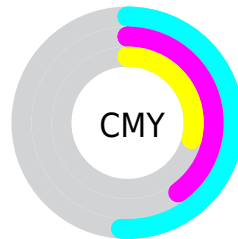


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0706, 30.1874, 47.5273 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 28.0706, 30.1874, 47.5273 by changing the saturation by 10% instead.

■ 28.0706, 30.1874,
47.5273

■ 28.0706, 30.1874,
47.5273

284.8781,
302.7770, 393.3699

■ 18.5196, 19.9809,
33.0954

■ 56.0050, 59.9584,
87.8584

■ 11.4256, 12.3811,
21.9278

■ 75.1191, 80.2917,
114.5946

■ 6.4233, 7.0038,
13.6060

■ 98.1516, 104.7693,
146.2694

■ 3.1472, 3.4645,
7.7116

125.4680,
133.7758, 183.3012

■ 1.2321, 1.3788,
3.8258

157.4334,
167.6953, 226.1086

■ 0.1315, 0.2010,
1.5303

194.4133,

■ 0.0000, 0.0000,

206.9125, 275.1102

0.2403

236.7731,
251.8116, 330.7244

■ 0.0000, 0.0000,
0.0000

■ 28.0706, 30.1874,
47.5273

■ 28.0706, 30.1874,
47.5273

■ 24.1959, 26.0297,
46.9295

■ 32.5440, 34.8321,
48.1886

■ 20.8888, 22.3367,
46.3910

■ 37.6395, 39.9778,
48.9132

■ 18.1192, 19.0896,
45.9102

■ 43.3828, 45.6421,
49.7038

■ 15.8531, 16.2664,
45.4847

■ 49.7973, 51.8407,
50.5622

■ 14.0521, 13.8428,
45.1118

■ 56.9049, 58.5886,
51.4901

■ 12.6712, 11.7908,
44.7885

■ 64.7268, 65.9000,
52.4891

■ 11.6201, 10.0589,
44.5097

■ 73.2830, 73.7888,
53.5608

■ 11.6201, 10.0588,
44.5096

■ 76.8561, 79.3109,
54.4383

■ 79.4734, 84.5455,
55.3108

Harmonies

Analogous

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



25.9879, 30.1874, 44.2496



28.0706, 30.1874, 47.5273



30.4359, 30.1874, 46.4722

Triad

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



28.0706, 30.1874, 47.5273



33.1151, 30.1874, 28.2121



25.2525, 30.1874, 25.4988

Complementary

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



28.0706, 30.1874, 47.5273



34.1442, 34.3210, 24.5644

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.



27.0165, 30.1874, 22.2188



28.0706, 30.1874, 47.5273



31.5779, 30.1874, 23.6289

Square

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



28.0706, 30.1874, 47.5273



33.4355, 30.1874, 34.6950



29.3229, 30.1874, 21.5846



24.4202, 30.1874, 31.1081

Rectangle

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



28.0706, 30.1874, 47.5273



31.8488, 30.1874, 43.5113



29.3229, 30.1874, 21.5846



25.7514, 30.1874, 24.1209

Sweetspot

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



28.0715, 30.1886, 47.5280



69.0818, 73.3188, 88.8055



30.7505, 39.4085, 36.5147



14.6256, 15.5422, 19.1513



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.0715, 30.1886, 47.5280



46.1314, 49.6518, 85.4470



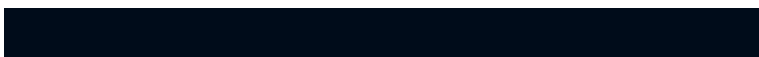
24.4372, 22.7221, 46.2784



8.3683, 8.8828, 10.7798



8.1767, 7.1537, 31.0868



0.3158, 0.3421, 0.9976

Inverse Universe

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



31.9515, 26.8927, 33.2139



54.4415, 43.2061, 54.6512



38.7012, 43.7451, 26.1432



8.6611, 8.5712, 9.7138



14.3619, 7.2623, 7.0655



0.4814, 0.2403, 0.3778

Previews

White Background



This preview shows how the XYZ color 28.0706, 30.1874, 47.5273 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 28.0706, 30.1874, 47.5273 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

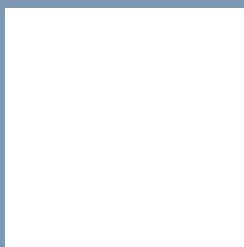
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0706, 30.1874, 47.5273

Background



This preview shows how black text looks on a background with the XYZ color 28.0706, 30.1874, 47.5273.



This preview shows how white text looks on a background with the XYZ color 28.0706, 30.1874,

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

28.0706, 30.1874, 47.5273

Protanopia

29.8534, 30.1938, 45.8495

Deuteranopia

30.6520, 30.0970, 47.9098



Tritanopia

26.6990, 30.1122, 40.9643

Trichromacy



Original Color

28.0706, 30.1874, 47.5273

Protanomaly

29.0999, 30.0276, 46.3817

Deuteranomaly

29.5779, 30.0050, 47.9487

Tritanomaly

27.1498, 30.0461, 43.3983

Monochromacy



Original Color

28.0706, 30.1874, 47.5273

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6529, 29.4871, 37.0350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0706, 30.1874, 47.5273 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(126, 152, 180)` looks like.

```
.text, #text, p{  
    color:rgb(126, 152, 180)  
}
```

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(126, 152, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 152, 180) }
```

Border

The CSS property to change the border of an element to XYZ 28.0706, 30.1874, 47.5273 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(126, 152, 180) }
```


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

```
.border{ border-color:rgb(126, 152, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 152, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 152, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 152, 180);  
box-shadow:4px 4px 4px 4px rgb(126, 152,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0706, 30.1874, 47.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 152, 180) }
```

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

```
.background{ background-color: rgb(126,  
152, 180) }
```

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