

Converting Colors

XYZ(28.2713, 30.6693, 48.4203)

Have a look what the booklet for
XYZ(28.2713, 30.6693, 48.4203)
contains.

XYZ(28.3113, 30.7737, 48.7037)	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(28.3113, 30.7737,
48.7037)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9AB6
RGB	124, 154, 182
RGB Percent	49%, 60%, 71%
CMY	0.5137, 0.3961, 0.2863
CMYK	0.32, 0.15, 0.00, 0.29
HSL	209°, 28%, 60%
HSV	209°, 32%, 71%
XYZ	28.3113, 30.7737, 48.7037
YIQ	148.2220, -26.8680, 2.3480

Conversions

Conversions Part 2

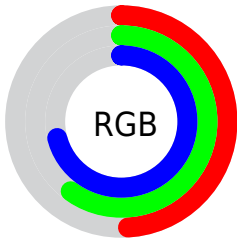
Format	Color
RYB	124, 144, 182
Decimal	8166070
CIELab	62.32, -3.65, -17.93
CIElCh	62, 18.295, 258.497
Yxy	30.7737, 0.2627, 0.2855
Android (android.graphics.Color)	4286356150 (0xFF7C9AB6)
YUV	148.2220, 16.6526, -21.2427
Hunter-Lab	55.4740, -5.9817, -13.2221

Details

The XYZ color **28.3113, 30.7737, 48.7037** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.1583, 33.8572, 23.8045**, and the grayscale version is **28.1824, 29.6501, 32.2890**.

A 20% lighter version of the original color is **56.3486, 60.7498, 89.6449**, and **11.5603, 12.7019, 22.6113** is the 20% darker color. If you saturate the color by 10%, you get **24.5226, 26.7467, 48.1266**, and if you desaturate by 10%, it is **32.6935, 35.2657, 49.3403**.

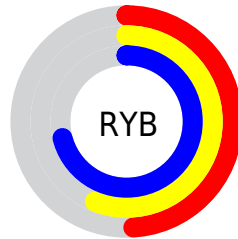
Distribution



Red (49%)

Green (60%)

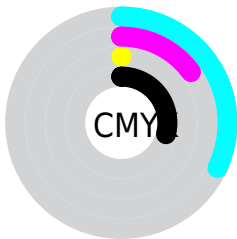
Blue (71%)



Red (49%)

Yellow (56%)

Blue (71%)

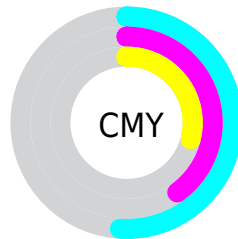


Cyan (32%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3113, 30.7737, 48.7037 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 28.3113, 30.7737, 48.7037 by changing the saturation by 10% instead.

■ 28.3113, 30.7737,
48.7037

■ 28.3113, 30.7737,
48.7037

286.0046,
305.4944, 398.1636

■ 18.7021, 20.4266,
34.0206

■ 56.3862, 60.8836,
89.6277

■ 11.5580, 12.7055,
22.6319

■ 75.5827, 81.4152,
116.7055

■ 6.5135, 7.2261,
14.1192

■ 98.7056, 106.1104,
148.7521

■ 3.2034, 3.6039,
8.0639

126.1204,
135.3536, 186.1858

■ 1.2622, 1.4545,
4.0475

158.1923,
169.5292, 229.4253

■ 0.1546, 0.2564,
1.6514

195.2867,

■ 0.0000, 0.0000,

209.0216, 278.8891

0.3271

237.7690,
254.2152, 334.9956

■ 0.0000, 0.0000,
0.0000

■ 28.3113, 30.7737,
48.7037

■ 28.3113, 30.7737,
48.7037

■ 24.5226, 26.7467,
48.1266

■ 32.6935, 35.2657,
49.3403

■ 21.2956, 23.1628,
47.6050

■ 37.6932, 40.2361,
50.0362

■ 18.5995, 20.0034,
47.1372

■ 43.3365, 45.7022,
50.7938

■ 16.3992, 17.2467,
46.7211

■ 49.6472, 51.6795,
51.6149

■ 14.6547, 14.8685,
46.3540

■ 56.6475, 58.1823,
52.5011

■ 13.3190, 12.8407,
46.0330

■ 64.3589, 65.2246,
53.4540

■ 12.4589, 11.4081,
45.8018

■ 72.8018, 72.8198,
54.4750

■ 76.4173, 78.1048,
55.3046

■ 78.8440, 82.9583,
56.1135

Harmonies

Analogous

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



26.2099, 30.7737, 44.7773



28.3113, 30.7737, 48.7037



30.7843, 30.7737, 48.1541

Triad

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



28.3113, 30.7737, 48.7037



33.9952, 30.7737, 29.3696



25.8306, 30.7737, 25.2681

Complementary

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



28.3113, 30.7737, 48.7037



34.1583, 33.8572, 23.8045

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.



27.7666, 30.7737, 22.1798



28.3113, 30.7737, 48.7037



32.5154, 30.7737, 24.3074

Square

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



28.3113, 30.7737, 48.7037



34.1614, 30.7737, 36.2975



30.2082, 30.7737, 21.8548



24.8325, 30.7737, 30.8639

Rectangle

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



28.3113, 30.7737, 48.7037



32.3107, 30.7737, 45.3369



30.2082, 30.7737, 21.8548



26.3880, 30.7737, 23.9384

Sweetspot

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



28.3123, 30.7749, 48.7044



69.9903, 74.5652, 90.9393



30.6322, 39.9782, 35.4094



15.1567, 16.1737, 20.0446



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.3123, 30.7749, 48.7044



46.5598, 50.7559, 87.5786



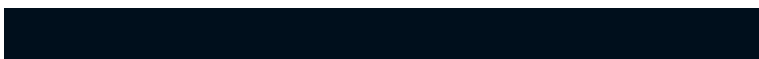
24.2089, 22.5681, 47.3366



8.8950, 9.4672, 11.4380



8.8652, 8.1900, 32.3667



0.3742, 0.4120, 1.1616

Inverse Universe

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



32.3326, 26.6944, 34.0216



55.1120, 42.7873, 56.1854



39.2648, 44.0703, 25.5067



9.1933, 9.0877, 10.3655



15.0884, 7.6091, 8.3523



0.5630, 0.2807, 0.4583

Previews

White Background



This preview shows how the XYZ color 28.3113, 30.7737, 48.7037 looks on a white background.

Color Contrast Check

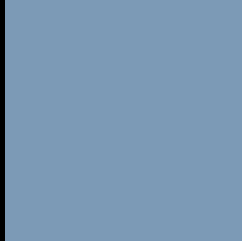
Large Text (above 18pt) WCAG AA × Fail

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 28.3113, 30.7737, 48.7037 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

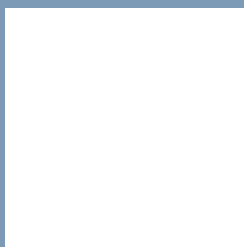
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3113, 30.7737, 48.7037

Background



This preview shows how black text looks on a background with the XYZ color 28.3113, 30.7737, 48.7037.



This preview shows how white text looks on a background with the XYZ color 28.3113, 30.7737,

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

28.3113, 30.7737, 48.7037

Protanopia

30.3857, 30.6789, 46.9679

Deuteranopia

31.1937, 30.5822, 49.0586



Tritanopia

26.9351, 30.7065, 42.0434

Trichromacy



Original Color

28.3113, 30.7737, 48.7037

Protanomaly

29.6214, 30.7469, 47.5535

Deuteranomaly

30.1011, 30.7206, 49.1429

Tritanomaly

27.3874, 30.6363, 44.5143

Monochromacy



Original Color

28.3113, 30.7737, 48.7037

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8990, 29.8397, 37.5469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3113, 30.7737, 48.7037 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(124, 154, 182)` looks like.

```
.text, #text, p{  
    color:rgb(124, 154, 182)  
}
```

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(124, 154, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 154, 182) }
```

Border

The CSS property to change the border of an element to XYZ 28.3113, 30.7737, 48.7037 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(124, 154, 182) }
```


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

```
.border{ border-color:rgb(124, 154, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 154, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 154, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 154, 182);  
box-shadow:4px 4px 4px 4px rgb(124, 154,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3113, 30.7737, 48.7037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 154, 182) }
```

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

```
.background{ background-color: rgb(124,  
154, 182) }
```

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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