

Converting Colors

XYZ(28.7634, 30.1765, 45.8279)

Have a look what the booklet for
XYZ(28.7634, 30.1765, 45.8279)
contains.

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Color

**XYZ(28.6737, 30.0553,
45.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	8696B1
RGB	134, 150, 177
RGB Percent	53%, 59%, 69%
CMY	0.4745, 0.4118, 0.3059
CMYK	0.24, 0.15, 0.00, 0.31
HSL	218°, 22%, 61%
HSV	218°, 24%, 69%
XYZ	28.6737, 30.0553, 45.8850
YIQ	148.2940, -18.2030, 5.0050

Conversions

Conversions Part 2

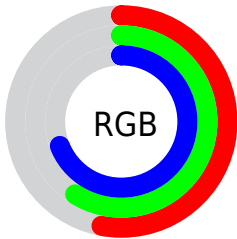
Format	Color
RYB	134, 146, 177
Decimal	8820401
CIELab	61.70, 0.42, -15.98
CIElCh	62, 15.982, 271.498
Yxy	30.0553, 0.2741, 0.2873
Android (android.graphics.Color)	4287010481 (0xFF8696B1)
YUV	148.2940, 14.1521, -12.5358
Hunter-Lab	54.8227, -2.5796, -11.2481

Details

The XYZ color **28.6737, 30.0553, 45.8850** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.1799, 36.5585, 27.7575**, and the grayscale version is **28.2199, 29.6896, 32.3319**.

A 20% lighter version of the original color is **57.0399, 59.7603, 85.6194**, and **11.6672, 12.2179, 20.8121** is the 20% darker color. If you saturate the color by 10%, you get **24.3952, 25.3413, 45.2011**, and if you desaturate by 10%, it is **33.5945, 35.3516, 46.6484**.

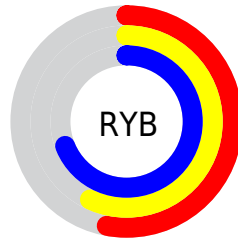
Distribution



Red (53%)

Green (59%)

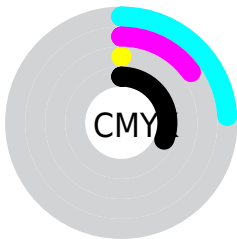
Blue (69%)



Red (53%)

Yellow (57%)

Blue (69%)

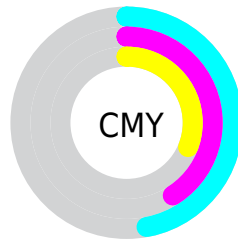


Cyan (24%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (41%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6737, 30.0553, 45.8850 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 28.6737, 30.0553, 45.8850 by changing the saturation by 10% instead.

■ 28.6737, 30.0553,
45.8850

■ 28.6737, 30.0553,
45.8850

287.6943,
302.1621, 386.6103

■ 18.9772, 19.8806,
31.8071

■ 56.9594, 59.7496,
85.3793

■ 11.7577, 12.3083,
20.9506

■ 76.2793, 80.0380,
111.6328

■ 6.6499, 6.9540,
12.8970

■ 99.5377, 104.4664,
142.7819

■ 3.2885, 3.4333,
7.2278

127.0999,
133.4192, 179.2451

■ 1.3081, 1.3619,
3.5243

159.3313,
167.2807, 221.4410

■ 0.1893, 0.1884,
1.3682

196.5973,

■ 0.0000, 0.0000,

206.4355, 269.7882

0.1167

239.2632,
251.2678, 324.7051

■ 0.0000, 0.0000,
0.0000

■ 28.6737, 30.0553,
45.8850

■ 28.6737, 30.0553,
45.8850

■ 24.3952, 25.3413,
45.2011

■ 33.5945, 35.3516,
46.6484

■ 20.7281, 21.1845,
44.5920

■ 39.1810, 41.2467,
47.4919

■ 17.6428, 17.5633,
44.0557

■ 45.4591, 47.7611,
48.4184

■ 15.1063, 14.4530,
43.5890

■ 52.4522, 54.9130,
49.4303

■ 13.0818, 11.8266,
43.1888

■ 60.1826, 62.7199,
50.5297

■ 11.5273, 9.6542,
42.8514

■ 68.6718, 71.1985,
51.7188

■ 10.3932, 7.9011,
42.5728

■ 76.8639, 79.8103,
52.9493

■ 9.8762, 7.0550,
42.4367

■ 80.0167, 86.1159,
54.0002

■ 83.3695, 92.8215,
55.1178

Harmonies

Analogous

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



26.6593, 30.0553, 44.1345



28.6737, 30.0553, 45.8850



30.7570, 30.0553, 43.7618

Triad

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



28.6737, 30.0553, 45.8850



32.1974, 30.0553, 26.9794



25.1214, 30.0553, 27.4483

Complementary

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



28.6737, 30.0553, 45.8850



35.1799, 36.5585, 27.7575

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.



26.4828, 30.0553, 23.7201



28.6737, 30.0553, 45.8850



30.5629, 30.0553, 23.4739

Square

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



28.6737, 30.0553, 45.8850



32.8529, 30.0553, 32.4199



28.4599, 30.0553, 22.3578



24.6704, 30.0553, 33.0322

Rectangle

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



28.6737, 30.0553, 45.8850



31.8881, 30.0553, 40.5713



28.4599, 30.0553, 22.3578



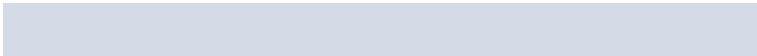
25.4843, 30.0553, 25.9619

Sweetspot

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



28.6746, 30.0565, 45.8857



67.2191, 70.7752, 84.6135



31.9449, 39.0695, 39.3534



14.4402, 15.2042, 18.3180



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.6746, 30.0565, 45.8857



47.2273, 49.3090, 81.5237



27.1120, 25.7159, 45.1302



8.2924, 8.7310, 10.7545



7.2096, 5.2196, 30.7645



0.2839, 0.2784, 0.9870

Inverse Universe

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



32.1624, 28.6002, 32.6806



54.6063, 46.5336, 53.5176



37.0355, 41.9349, 28.6974



8.6228, 8.5558, 9.5120



13.8737, 7.0670, 4.4950



0.4653, 0.2339, 0.2931

Previews

White Background



This preview shows how the XYZ color 28.6737, 30.0553, 45.8850 looks on a white background.

Color Contrast Check

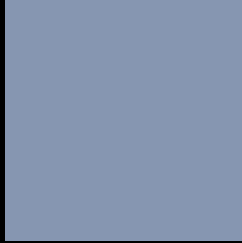
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6737, 30.0553, 45.8850 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

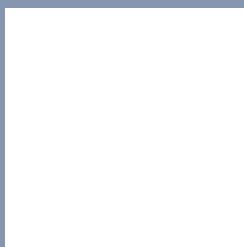
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6737, 30.0553, 45.8850

Background



This preview shows how black text looks on a background with the XYZ color 28.6737, 30.0553, 45.8850.



This preview shows how white text looks on a background with the XYZ color 28.6737, 30.0553,

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

28.6737, 30.0553, 45.8850

Protanopia

29.6555, 30.1146, 44.8071

Deuteranopia

30.5557, 29.8547, 46.2716



Tritanopia

27.2891, 29.9621, 39.4669

Trichromacy



Original Color

28.6737, 30.0553, 45.8850

Protanomaly

29.3991, 30.2049, 45.3549

Deuteranomaly

29.9712, 30.0111, 46.3325

Tritanomaly

27.7438, 29.9033, 41.8458

Monochromacy



Original Color

28.6737, 30.0553, 45.8850

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3331, 29.8377, 37.0668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6737, 30.0553, 45.8850 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(134, 150, 177)` looks like.

```
.text, #text, p{  
    color:rgb(134, 150, 177)  
}
```

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(134, 150, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 150, 177) }
```

Border

The CSS property to change the border of an element to XYZ 28.6737, 30.0553, 45.8850 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(134, 150, 177) }
```


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

```
.border{ border-color:rgb(134, 150, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 150, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 150, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 150, 177);  
box-shadow:4px 4px 4px 4px rgb(134, 150,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6737, 30.0553, 45.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 150, 177) }
```

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

```
.background{ background-color: rgb(134,  
150, 177) }
```

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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