

Converting Colors

XYZ(28.6630, 30.7261, 59.0636)

Have a look what the booklet for
XYZ(28.6630, 30.7261, 59.0636)
contains.

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Color

**XYZ(28.6630, 30.7261,
59.0636)**

Conversions

Conversions Part 1

Format	Color
Hex	709AC8
RGB	112, 154, 200
RGB Percent	44%, 60%, 78%
CMY	0.5608, 0.3961, 0.2157
CMYK	0.44, 0.23, 0.00, 0.22
HSL	211°, 44%, 61%
HSV	211°, 44%, 78%
XYZ	28.6630, 30.7261, 59.0636
YIQ	146.6860, -39.7980, 5.4020

Conversions

Conversions Part 2

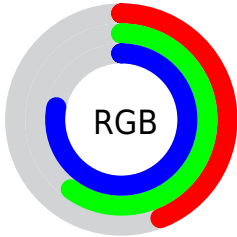
Format	Color
R_{YB}	112, 140, 200
Decimal	7379656
CIE _{Lab}	62.28, -2.10, -28.15
CIE _{LCh}	62, 28.231, 265.740
Yxy	30.7261, 0.2420, 0.2594
Android (android.graphics.Color)	4285569736 (0xFF709AC8)
YUV	146.6860, 26.2838, -30.4196
Hunter-Lab	55.4311, -4.7035, -24.3736

Details

The XYZ color **28.6630, 30.7261, 59.0636** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.9717, 37.9037, 20.5924**, and the grayscale version is **27.5113, 28.9440, 31.5200**.

A 20% lighter version of the original color is **56.5422, 60.5472, 103.3144**, and **11.7259, 12.6457, 29.0170** is the 20% darker color. If you saturate the color by 10%, you get **24.7444, 26.2556, 58.4078**, and if you desaturate by 10%, it is **33.2992, 35.7909, 59.7974**.

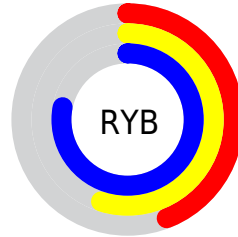
Distribution



Red (44%)

Green (60%)

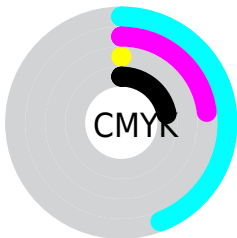
Blue (78%)



Red (44%)

Yellow (55%)

Blue (78%)

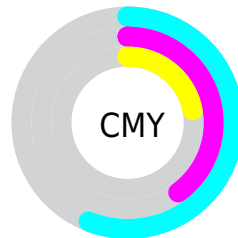


Cyan (44%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6630, 30.7261, 59.0636 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 28.6630, 30.7261, 59.0636 by changing the saturation by 10% instead.

■ 28.6630, 30.7261,
59.0636

■ 28.6630, 30.7261,
59.0636

287.6445,
305.2745, 438.8460

■ 18.9690, 20.3904,
42.2440

■ 56.9425, 60.8086,
105.0001

■ 11.7518, 12.6791,
28.9654

■ 76.2587, 81.3241,
134.9541

■ 6.6459, 7.2080,
18.8093

■ 99.5131, 106.0017,
170.1233

■ 3.2860, 3.5925,
11.3571

127.0710,
135.2258, 210.9262

■ 1.3067, 1.4483,
6.1904

159.2977,
169.3807, 257.7814

■ 0.1883, 0.2519,
2.8905

196.5587,

■ 0.0000, 0.0000,

208.8509, 311.1074

1.0390

239.2191,
254.0206, 371.3227

■ 0.0000, 0.0000,
0.0000

■ 28.6630, 30.7261,
59.0636

■ 28.6630, 30.7261,
59.0636

■ 24.7444, 26.2556,
58.4078

■ 33.2992, 35.7909,
59.7974

■ 21.4985, 22.3488,
57.8248

■ 38.6878, 41.4715,
60.6099

■ 18.8801, 18.9769,
57.3120

■ 44.8652, 47.7926,
61.5044

■ 16.8358, 16.1065,
56.8657

■ 51.8642, 54.7762,
62.4835

■ 15.3020, 13.6982,
56.4816

■ 59.7156, 62.4431,
63.5495

■ 14.5588, 12.4370,
56.2774

■ 68.4487, 70.8132,
64.7048

■ 78.0913, 79.9054,
65.9516

■ 82.1349, 86.3691,
66.9861

■ 85.2615, 92.6223,
68.0283

Harmonies

Analogous

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



25.2687, 30.7261, 53.9803



28.6630, 30.7261, 59.0636



32.5049, 30.7261, 56.1545

Triad

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



28.6630, 30.7261, 59.0636



36.3179, 30.7261, 25.1410



23.5548, 30.7261, 22.9735

Complementary

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



28.6630, 30.7261, 59.0636



38.9717, 37.9037, 20.5924

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.



26.1349, 30.7261, 17.8834



28.6630, 30.7261, 59.0636



33.5286, 30.7261, 18.9305

Square

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



28.6630, 30.7261, 59.0636



37.1418, 30.7261, 35.0396



29.7522, 30.7261, 16.5824



22.4867, 30.7261, 31.9199

Rectangle

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



28.6630, 30.7261, 59.0636



34.7753, 30.7261, 50.3516



29.7522, 30.7261, 16.5824



24.2624, 30.7261, 20.8378

Sweetspot

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



28.6640, 30.7273, 59.0643



78.6073, 83.6840, 106.6173



33.4630, 47.2043, 39.4562



16.2811, 17.3619, 22.7430



0.0000, 0.0000, 0.0000



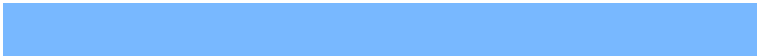
20.3446, 21.4041, 23.3091

Same Dimension

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



28.6640, 30.7273, 59.0643



42.9891, 45.6306, 101.1496



23.0907, 19.3013, 57.1526



10.4673, 11.1086, 13.5100



9.3455, 8.0849, 35.8123



0.5149, 0.5277, 1.7199

Inverse Universe

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



35.4472, 26.2018, 33.7622



56.6273, 38.1324, 49.9179



47.0091, 54.5574, 23.3833



10.8411, 10.7198, 12.1467



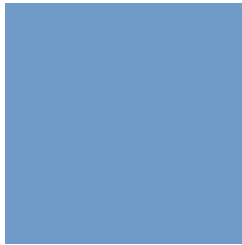
16.5165, 8.3562, 7.9298



0.8186, 0.4103, 0.5680

Previews

White Background



This preview shows how the XYZ color 28.6630, 30.7261, 59.0636 looks on a white background.

Color Contrast Check

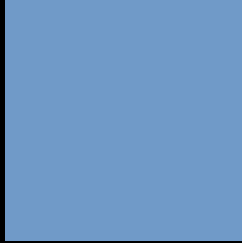
Large Text (above 18pt) WCAG AA × Fail

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 28.6630, 30.7261, 59.0636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

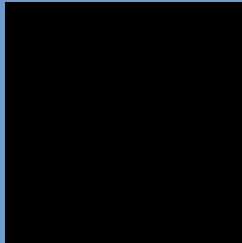
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.6630, 30.7261, 59.0636

Background



This preview shows how black text looks on a background with the XYZ color 28.6630, 30.7261, 59.0636.

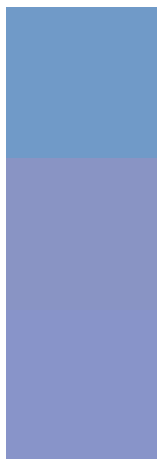


This preview shows how white text looks on a background with the XYZ color 28.6630, 30.7261,

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

28.6630, 30.7261, 59.0636

Protanopia

30.8702, 30.4837, 56.4815

Deuteranopia

31.2859, 30.6311, 59.5218



Tritanopia

25.5535, 30.7179, 43.6121

Trichromacy



Original Color

28.6630, 30.7261, 59.0636

Protanomaly

29.8865, 30.4331, 57.1223

Deuteranomaly

30.2014, 30.5418, 59.5617

Tritanomaly

26.5639, 30.6171, 48.7656

Monochromacy



Original Color

28.6630, 30.7261, 59.0636

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6208, 29.6342, 40.3406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6630, 30.7261, 59.0636 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(112, 154, 200)` looks like.

```
.text, #text, p{  
    color:rgb(112, 154, 200)  
}
```

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(112, 154, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 154, 200) }
```

Border

The CSS property to change the border of an element to XYZ 28.6630, 30.7261, 59.0636 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(112, 154, 200) }
```


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

```
.border{ border-color:rgb(112, 154, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 154, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 154, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 154, 200);  
box-shadow:4px 4px 4px 4px rgb(112, 154,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6630, 30.7261, 59.0636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 154, 200) }
```

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

```
.background{ background-color: rgb(112,  
154, 200) }
```

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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