

Converting Colors

XYZ(27.3385, 30.9394, 44.2394)

Have a look what the booklet for
XYZ(27.3385, 30.9394, 44.2394)
contains.

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Color

**XYZ(27.3164, 30.8590,
44.0518)**

Conversions

Conversions Part 1

Format	Color
Hex	799CAD
RGB	121, 156, 173
RGB Percent	47%, 61%, 68%
CMY	0.5255, 0.3882, 0.3216
CMYK	0.30, 0.10, 0.00, 0.32
HSL	200°, 24%, 58%
HSV	200°, 30%, 68%
XYZ	27.3164, 30.8590, 44.0518
YIQ	147.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

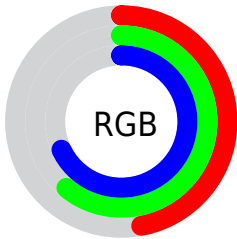
Format	Color
RYB	121, 142, 173
Decimal	7969965
CIELab	62.39, -7.92, -12.77
CIElCh	62, 15.025, 238.196
Yxy	30.8590, 0.2672, 0.3019
Android (android.graphics.Color)	4286160045 (0xFF799CAD)
YUV	147.4730, 12.5848, -23.2168
Hunter-Lab	55.5509, -9.4391, -8.1313

Details

The XYZ color **27.3164, 30.8590, 44.0518** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.7736, 28.4418, 22.0104**, and the grayscale version is **27.8870, 29.3393, 31.9505**.

A 20% lighter version of the original color is **54.7294, 60.8086, 82.2515**, and **11.0286, 12.7857, 19.9758** is the 20% darker color. If you saturate the color by 10%, you get **24.1792, 27.8663, 43.6400**, and if you desaturate by 10%, it is **30.9344, 34.1667, 44.5001**.

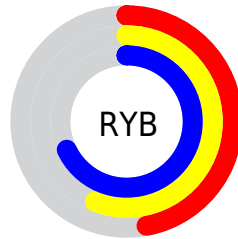
Distribution



Red (47%)

Green (61%)

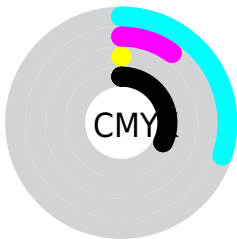
Blue (68%)



Red (47%)

Yellow (56%)

Blue (68%)

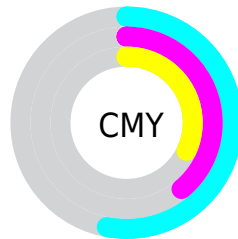


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3164, 30.8590, 44.0518 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 27.3164, 30.8590, 44.0518 by changing the saturation by 10% instead.

■ 27.3164, 30.8590,
44.0518

■ 27.3164, 30.8590,
44.0518

281.3255,
305.8882, 378.9672

■ 17.9488, 20.4915,
30.3737

■ 54.8075, 61.0180,
82.5990

■ 11.0127, 12.7528,
19.8680

■ 73.6617, 81.5783,
108.3052

■ 6.1427, 7.2586,
12.1160

■ 96.4088, 106.3050,
138.8579

■ 2.9736, 3.6243,
6.6992

123.4142,
135.5825, 174.6756

■ 1.1398, 1.4657,
3.1991

155.0432,
169.7952, 216.1768

■ 0.0580, 0.2644,
1.1972

191.6612,

■ 0.0000, 0.0000,

209.3274, 263.7801

0.0000

233.6335,
254.5636, 317.9040

■ 27.3164, 30.8590,
44.0518

■ 27.3164, 30.8590,
44.0518

■ 24.1792, 27.8663,
43.6400

■ 30.9344, 34.1667,
44.5001

■ 21.4963, 25.1717,
43.2613

■ 35.0526, 37.7979,
44.9839

■ 19.2424, 22.7622,
42.9150

■ 39.6925, 41.7654,
45.5052

■ 17.3889, 20.6219,
42.5996

■ 44.8735, 46.0801,
46.0649

■ 15.9029, 18.7331,
42.3133

■ 50.6142, 50.7521,
46.6642

■ 14.7461, 17.0749,
42.0543

■ 56.9320, 55.7915,
47.3039

■ 13.8402, 15.6117,
41.8196

■ 63.8436, 61.2075,
47.9850

■ 69.7267, 66.1647,
48.6317

■ 71.0715, 68.8544,
49.0800

Harmonies

Analogous

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



26.0154, 30.8590, 39.1779



27.3164, 30.8590, 44.0518



29.2076, 30.8590, 46.0913

Triad

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



27.3164, 30.8590, 44.0518



33.4178, 30.8590, 33.9542



27.5204, 30.8590, 24.6600

Complementary

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



27.3164, 30.8590, 44.0518



29.7736, 28.4418, 22.0104

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.



29.4539, 30.8590, 23.5982



27.3164, 30.8590, 44.0518



32.9160, 30.8590, 28.5787

Square

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



27.3164, 30.8590, 44.0518



32.7831, 30.8590, 39.8587



31.4414, 30.8590, 24.9481



26.1293, 30.8590, 28.0337

Rectangle

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



27.3164, 30.8590, 44.0518



30.5695, 30.8590, 45.4097



31.4414, 30.8590, 24.9481



28.1256, 30.8590, 24.0393

Sweetspot

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



27.3173, 30.8602, 44.0525



63.4858, 68.3079, 80.6445



27.3782, 35.7722, 29.3052



13.5557, 14.6356, 17.4982



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.3173, 30.8602, 44.0525



45.1359, 51.6831, 78.4027



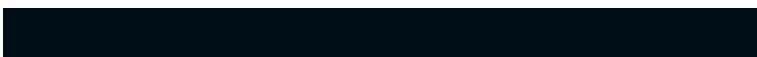
23.4824, 23.1903, 42.7742



8.0123, 8.6240, 10.1950



10.2212, 11.5763, 30.7403



0.3314, 0.4161, 0.8708

Inverse Universe

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



30.0724, 24.9600, 34.6866



50.9720, 39.8185, 58.4208



33.8655, 36.6257, 23.3744



8.2240, 8.1029, 9.4905



15.0228, 7.4717, 13.0317



0.4417, 0.2173, 0.4875

Previews

White Background



This preview shows how the XYZ color 27.3164, 30.8590, 44.0518 looks on a white background.

Color Contrast Check

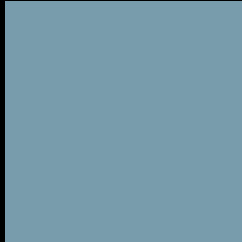
Large Text (above 18pt) WCAG AA × Fail

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 27.3164, 30.8590, 44.0518 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 27.3164, 30.8590, 44.0518

Background



This preview shows how black text looks on a background with the XYZ color 27.3164, 30.8590, 44.0518.



This preview shows how white text looks on a background with the XYZ color 27.3164, 30.8590,

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

27.3164, 30.8590, 44.0518

Protanopia

30.1216, 30.6554, 41.8656

Deuteranopia

31.3085, 30.7349, 44.8397



Tritanopia

26.9641, 30.9716, 42.0931

Trichromacy



Original Color

27.3164, 30.8590, 44.0518

Protanomaly

28.9652, 30.7620, 42.4412

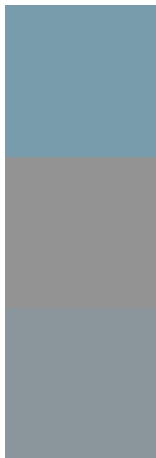
Deuteranomaly

29.5308, 30.5314, 44.3811

Tritanomaly

27.0584, 31.0093, 42.5895

Monochromacy



Original Color

27.3164, 30.8590, 44.0518

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3883, 29.6163, 35.7255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3164, 30.8590, 44.0518 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(121, 156, 173)` looks like.

```
.text, #text, p{  
    color:rgb(121, 156, 173)  
}
```

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(121, 156, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 173) }
```

Border

The CSS property to change the border of an element to XYZ 27.3164, 30.8590, 44.0518 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(121, 156, 173) }
```


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

```
.border{ border-color:rgb(121, 156, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 156, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 173);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3164, 30.8590, 44.0518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 173) }
```

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

```
.background{ background-color: rgb(121,  
156, 173) }
```

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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