

Converting Colors

XYZ(27.6173, 30.4710, 47.7513)

Have a look what the booklet for
XYZ(27.6173, 30.4710, 47.7513)
contains.

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Color

**XYZ(27.5395, 30.3996,
47.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	789AB4
RGB	120, 154, 180
RGB Percent	47%, 60%, 71%
CMY	0.5294, 0.3961, 0.2941
CMYK	0.33, 0.14, 0.00, 0.29
HSL	206°, 29%, 59%
HSV	206°, 33%, 71%
XYZ	27.5395, 30.3996, 47.5962
YIQ	146.7980, -28.6100, 0.8780

Conversions

Conversions Part 2

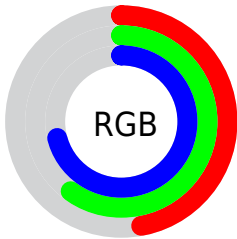
Format	Color
R_{YB}	120, 142, 180
Decimal	7903924
CIE _{Lab}	62.00, -5.34, -17.31
CIE _{LCh}	62, 18.113, 252.862
Yxy	30.3996, 0.2610, 0.2881
Android (android.graphics.Color)	4286094004 (0xFF789AB4)
YUV	146.7980, 16.3686, -23.5018
Hunter-Lab	55.1358, -7.3297, -12.5872

Details

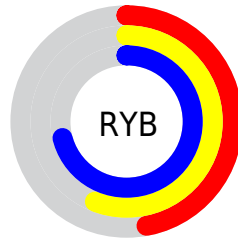
The XYZ color **27.5395, 30.3996, 47.5962** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.4917, 31.6172, 22.1602**, and the grayscale version is **27.5935, 29.0306, 31.6143**.

A 20% lighter version of the original color is **55.1518, 60.1665, 88.0634**, and **11.1353, 12.4980, 21.9041** is the 20% darker color. If you saturate the color by 10%, you get **24.0283, 26.7408, 47.0756**, and if you desaturate by 10%, it is **31.6055, 34.4700, 48.1681**.

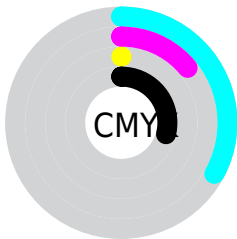
Distribution



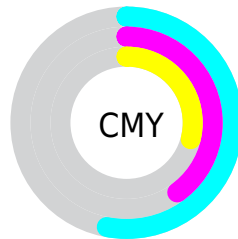
- Red (47%)
- Green (60%)
- Blue (71%)



- Red (47%)
- Yellow (56%)
- Blue (71%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5395, 30.3996, 47.5962 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 27.5395, 30.3996, 47.5962 by changing the saturation by 10% instead.

■ 27.5395, 30.3996,
47.5962

■ 27.5395, 30.3996,
47.5962

282.3800,
303.7627, 393.6518

■ 18.1175, 20.1421,
33.1495

■ 55.1622, 60.2935,
87.9622

■ 11.1346, 12.4984,
21.9689

■ 74.0936, 80.6988,
114.7185

■ 6.2254, 7.0840,
13.6360

■ 96.9255, 105.2554,
146.4152

■ 3.0246, 3.5147,
7.7321

124.0232,
134.3477, 183.4706

■ 1.1668, 1.4060,
3.8387

155.7522,
168.3603, 226.3035

■ 0.0799, 0.2211,
1.5373

192.4778,

■ 0.0000, 0.0000,

207.6773, 275.3323

0.2455

234.5653,
252.6833, 330.9755

■ 0.0000, 0.0000,
0.0000

■ 27.5395, 30.3996,
47.5962

■ 27.5395, 30.3996,
47.5962

■ 24.0283, 26.7408,
47.0756

■ 31.6055, 34.4700,
48.1681

■ 21.0412, 23.4734,
46.6023

■ 36.2493, 38.9640,
48.7908

■ 18.5485, 20.5802,
46.1753

■ 41.4960, 43.8975,
49.4665

■ 16.5161, 18.0414,
45.7923

■ 47.3682, 49.2843,
50.1967

■ 14.9052, 15.8341,
45.4512

■ 53.8875, 55.1376,
50.9829

■ 13.6692, 13.9319,
45.1492

■ 61.0742, 61.4699,
51.8264

■ 12.9903, 12.7992,
44.9663

■ 68.9477, 68.2934,
52.7285

■ 74.1366, 73.8719,
53.5318

■ 76.1874, 77.9735,
54.2154

Harmonies

Analogous

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



25.6042, 30.3996, 43.0568



27.5395, 30.3996, 47.5962



29.9460, 30.3996, 47.9260

Triad

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



27.5395, 30.3996, 47.5962



33.6901, 30.3996, 30.2112



25.8322, 30.3996, 24.2325

Complementary

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



27.5395, 30.3996, 47.5962



32.4917, 31.6172, 22.1602

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.



27.8668, 30.3996, 21.6982



27.5395, 30.3996, 47.5962



32.4540, 30.3996, 24.8103

Square

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



27.5395, 30.3996, 47.5962



33.5902, 30.3996, 37.1996



30.2920, 30.3996, 21.8937



24.6571, 30.3996, 29.3132

Rectangle

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



27.5395, 30.3996, 47.5962



31.5027, 30.3996, 45.6533



30.2920, 30.3996, 21.8937



26.4333, 30.3996, 23.0887

Sweetspot

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



27.5405, 30.4008, 47.5969



68.6144, 73.3899, 88.8439



29.1784, 38.6805, 32.7169



14.5542, 15.6010, 19.1665



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.



27.5405, 30.4008, 47.5969



45.1596, 50.1731, 85.5988



23.3182, 21.9563, 46.1895



8.4282, 9.0026, 10.7998



9.1341, 9.0685, 31.4060



0.3441, 0.3987, 1.0071

Inverse Universe

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



31.3723, 25.4700, 33.8359



53.3493, 40.4655, 56.0017



37.5431, 41.7199, 23.8440



8.6913, 8.5832, 9.8729



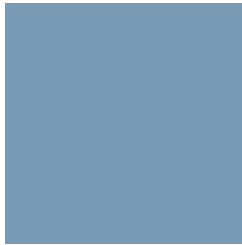
14.8451, 7.4556, 9.6103



0.4957, 0.2460, 0.4530

Previews

White Background



This preview shows how the XYZ color 27.5395, 30.3996, 47.5962 looks on a white background.

Color Contrast Check

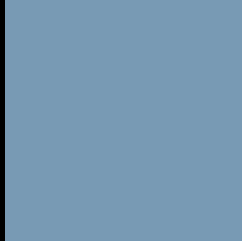
Large Text (above 18pt) WCAG AA × Fail

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 27.5395, 30.3996, 47.5962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

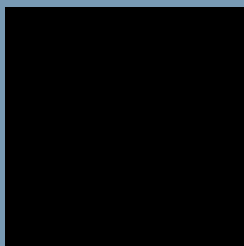
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

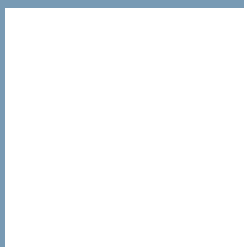
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5395, 30.3996, 47.5962

Background



This preview shows how black text looks on a background with the XYZ color 27.5395, 30.3996, 47.5962.



This preview shows how white text looks on a background with the XYZ color 27.5395, 30.3996,

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

27.5395, 30.3996, 47.5962

Protanopia

29.9280, 30.2437, 45.3345

Deuteranopia

30.9351, 30.2311, 48.4607



Tritanopia

26.2925, 30.3860, 41.5251

Trichromacy



Original Color

27.5395, 30.3996, 47.5962

Protanomaly

28.8338, 30.1379, 45.8925

Deuteranomaly

29.5692, 30.2344, 47.9934

Tritanomaly

26.6390, 30.2728, 43.4689

Monochromacy



Original Color

27.5395, 30.3996, 47.5962

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4809, 29.6343, 37.0725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5395, 30.3996, 47.5962 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(120, 154, 180)` looks like.

```
.text, #text, p{  
    color:rgb(120, 154, 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(120, 154, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 154, 180) }
```

Border

The CSS property to change the border of an element to XYZ 27.5395, 30.3996, 47.5962 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(120, 154, 180) }
```


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

```
.border{ border-color:rgb(120, 154, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 154, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 154, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 154, 180);  
box-shadow:4px 4px 4px 4px rgb(120, 154,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5395, 30.3996, 47.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 154, 180) }
```

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

```
.background{ background-color: rgb(120,  
154, 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](#).

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