

Converting Colors

XYZ(27.6746, 30.8419, 45.0523)

Have a look what the booklet for
XYZ(27.6746, 30.8419, 45.0523)
contains.

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Color

**XYZ(27.6276, 30.7488,
45.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9BAF
RGB	123, 155, 175
RGB Percent	48%, 61%, 69%
CMY	0.5176, 0.3921, 0.3137
CMYK	0.30, 0.11, 0.00, 0.31
HSL	203°, 25%, 58%
HSV	203°, 30%, 69%
XYZ	27.6276, 30.7488, 45.0364
YIQ	147.7120, -25.4920, -0.5640

Conversions

Conversions Part 2

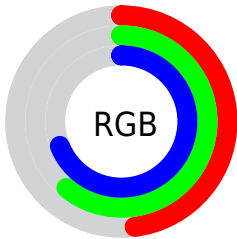
Format	Color
R_{YB}	123, 143, 175
Decimal	8100783
CIE _{Lab}	62.30, -6.27, -14.02
CIE _{LCh}	62, 15.361, 245.920
Yxy	30.7488, 0.2672, 0.2973
Android (android.graphics.Color)	4286290863 (0xFF7B9BAF)
YUV	147.7120, 13.4530, -21.6724
Hunter-Lab	55.4516, -8.1064, -9.3377

Details

The XYZ color **27.6276, 30.7488, 45.0364** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **31.0772, 30.1892, 22.9289**, and the grayscale version is **27.9826, 29.4398, 32.0600**.

A 20% lighter version of the original color is **55.3557, 60.7176, 84.4034**, and **11.1980, 12.7084, 20.6017** is the 20% darker color. If you saturate the color by 10%, you get **24.2556, 27.3944, 44.5672**, and if you desaturate by 10%, it is **31.5115, 34.4612, 45.5488**.

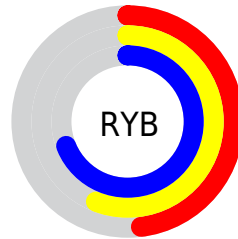
Distribution



Red (48%)

Green (61%)

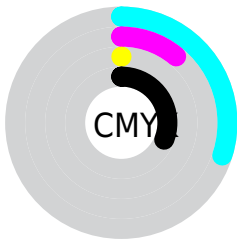
Blue (69%)



Red (48%)

Yellow (56%)

Blue (69%)

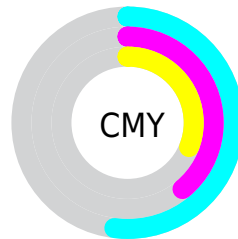


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (39%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6276, 30.7488, 45.0364 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 27.6276, 30.7488, 45.0364 by changing the saturation by 10% instead.

■ 27.6276, 30.7488,
45.0364

■ 27.6276, 30.7488,
45.0364

282.7956,
305.3794, 383.0854

■ 18.1841, 20.4076,
31.1429

■ 55.3021, 60.8444,
84.0941

■ 11.1828, 12.6917,
20.4483

■ 74.2640, 81.3676,
110.0953

■ 6.2581, 7.2166,
12.5341

■ 97.1293, 106.0536,
140.9696

■ 3.0448, 3.5979,
6.9816

124.2634,
135.2867, 177.1355

■ 1.1775, 1.4513,
3.3723

156.0318,
169.4515, 219.0115

■ 0.0885, 0.2541,
1.2877

192.7997,

■ 0.0000, 0.0000,

208.9323, 267.0161

0.0517

234.9325,
254.1134, 321.5679

■ 0.0000, 0.0000,
0.0000

■ 27.6276, 30.7488,
45.0364

■ 27.6276, 30.7488,
45.0364

■ 24.2556, 27.3944,
44.5672

■ 31.5115, 34.4612,
45.5488

■ 21.3677, 24.3801,
44.1376

■ 35.9274, 38.5413,
46.1036

■ 18.9379, 21.6916,
43.7467

■ 40.8980, 43.0029,
46.7028

■ 16.9361, 19.3118,
43.3929

■ 46.4435, 47.8579,
47.3476

■ 15.3284, 17.2217,
43.0742

■ 52.5831, 53.1175,
48.0392

■ 14.0751, 15.3991,
42.7884

■ 59.3353, 58.7926,
48.7787

■ 13.0953, 13.8006,
42.5315

■ 66.7175, 64.8934,
49.5672

■ 13.0687, 13.7567,
42.5245

■ 71.7405, 69.8803,
50.2651

■ 73.4253, 73.2498,
50.8266

Harmonies

Analogous

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



26.1116, 30.7488, 40.6428



27.6276, 30.7488, 45.0364



29.6394, 30.7488, 46.1837

Triad

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



27.6276, 30.7488, 45.0364



33.3777, 30.7488, 32.3152



26.9466, 30.7488, 25.0512

Complementary

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



27.6276, 30.7488, 45.0364



31.0772, 30.1892, 22.9289

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.



28.8161, 30.7488, 23.3501



27.6276, 30.7488, 45.0364



32.5783, 30.7488, 27.2128

Square

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



27.6276, 30.7488, 45.0364



33.0228, 30.7488, 38.3633



30.8845, 30.7488, 24.0921



25.7317, 30.7488, 29.0301

Rectangle

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



27.6276, 30.7488, 45.0364



31.0052, 30.7488, 44.8476



30.8845, 30.7488, 24.0921



27.5159, 30.7488, 24.2169

Sweetspot

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



27.6285, 30.7500, 45.0371



64.8139, 69.4527, 82.6265



28.4519, 36.8527, 31.5746



14.1388, 15.1936, 18.3318



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.



27.6285, 30.7500, 45.0371



45.2128, 50.8531, 80.0695



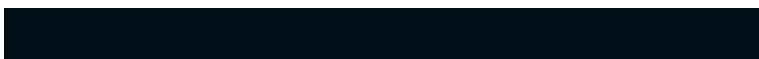
23.7660, 23.0250, 43.7496



7.9737, 8.5468, 10.1821



9.4197, 9.9733, 30.4731



0.3129, 0.3791, 0.8647

Inverse Universe

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



30.6793, 25.6473, 34.3451



51.7363, 40.6135, 57.0560



35.4305, 38.8958, 24.3800



8.2045, 8.0951, 9.3879



14.6183, 7.3099, 10.9012



0.4323, 0.2136, 0.4383

Previews

White Background



This preview shows how the XYZ color 27.6276, 30.7488, 45.0364 looks on a white background.

Color Contrast Check

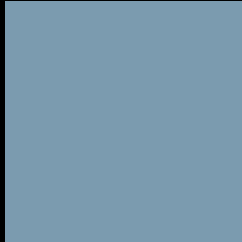
Large Text (above 18pt) WCAG AA × Fail

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 27.6276, 30.7488, 45.0364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

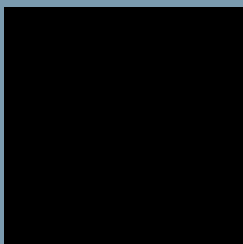
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

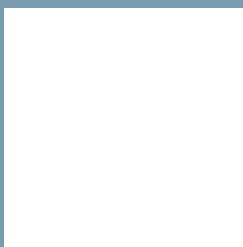
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6276, 30.7488, 45.0364

Background



This preview shows how black text looks on a background with the XYZ color 27.6276, 30.7488, 45.0364.



This preview shows how white text looks on a background with the XYZ color 27.6276, 30.7488,

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

27.6276, 30.7488, 45.0364

Protanopia

30.1308, 30.6382, 42.8538

Deuteranopia

31.3184, 30.7172, 45.8733



Tritanopia

27.0759, 30.7791, 42.0500

Trichromacy



Original Color

27.6276, 30.7488, 45.0364

Protanomaly

28.9942, 30.5150, 43.3916

Deuteranomaly

29.7273, 30.6100, 45.4158

Tritanomaly

27.2652, 30.8548, 43.0466

Monochromacy



Original Color

27.6276, 30.7488, 45.0364

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8856, 30.0908, 36.6861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6276, 30.7488, 45.0364 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(123, 155, 175)` looks like.

```
.text, #text, p{  
    color:rgb(123, 155, 175)  
}
```

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(123, 155, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 155, 175) }
```

Border

The CSS property to change the border of an element to XYZ 27.6276, 30.7488, 45.0364 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(123, 155, 175) }
```


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

```
.border{ border-color:rgb(123, 155, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 155, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 155, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 155, 175);  
box-shadow:4px 4px 4px 4px rgb(123, 155,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6276, 30.7488, 45.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 155, 175) }
```

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

```
.background{ background-color: rgb(123,  
155, 175) }
```

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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