

Converting Colors

XYZ(25.6943, 27.4055, 43.4707)

Have a look what the booklet for
XYZ(25.6943, 27.4055, 43.4707)
contains.

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Color

**XYZ(25.6943, 27.4055,
43.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	7A91AD
RGB	122, 145, 173
RGB Percent	48%, 57%, 68%
CMY	0.5216, 0.4314, 0.3216
CMYK	0.29, 0.16, 0.00, 0.32
HSL	213°, 24%, 58%
HSV	213°, 29%, 68%
XYZ	25.6943, 27.4055, 43.4707
YIQ	141.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

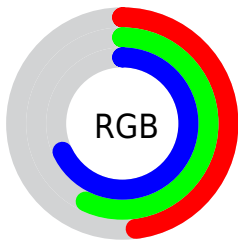
Format	Color
R_{YB}	122, 138, 173
Decimal	8032685
CIE _{Lab}	59.35, -1.48, -17.36
CIE _{LCh}	59, 17.421, 265.136
Yxy	27.4055, 0.2661, 0.2838
Android (android.graphics.Color)	4286222765 (0xFF7A91AD)
YUV	141.3150, 15.6207, -16.9393
Hunter-Lab	52.3503, -4.0025, -12.5881

Details

The XYZ color **25.6943, 27.4055, 43.4707** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.6533, 32.1025, 22.9413**, and the grayscale version is **25.3887, 26.7109, 29.0882**.

A 20% lighter version of the original color is **52.1062, 55.5622, 81.3771**, and **10.2159, 10.9426, 19.6629** is the 20% darker color. If you saturate the color by 10%, you get **22.0683, 23.4717, 42.9030**, and if you desaturate by 10%, it is **29.8794, 31.8090, 44.1006**.

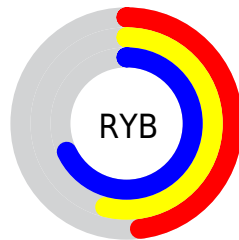
Distribution



Red (48%)

Green (57%)

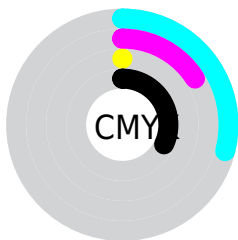
Blue (68%)



Red (48%)

Yellow (54%)

Blue (68%)

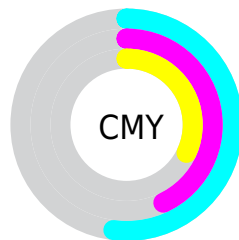


Cyan (29%)

Magenta (16%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (43%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6943, 27.4055, 43.4707 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 25.6943, 27.4055, 43.4707 by changing the saturation by 10% instead.

■ 25.6943, 27.4055,
43.4707

■ 25.6943, 27.4055,
43.4707

273.5625,
289.6152, 376.5219

■ 16.7266, 17.8780,
29.9205

■ 52.2162, 55.5339,
81.7146

■ 10.1338, 10.8624,
19.5267

■ 70.5011, 74.9036,
107.2454

■ 5.5507, 5.9744,
11.8708

■ 92.6223, 98.3227,
137.6069

■ 2.6119, 2.8295,
6.5343

118.9454,
126.1758, 173.2174

■ 0.9520, 1.0434,
3.0986

149.8356,
158.8472, 214.4956

■ 0.0000, 0.0000,
1.1452

185.6583,

■ 0.0000, 0.0000,

196.7213, 261.8601

0.0000

226.7788,
240.1825, 315.7293

■ 25.6943, 27.4055,
43.4707

■ 25.6943, 27.4055,
43.4707

■ 22.0683, 23.4717,
42.9030

■ 29.8794, 31.8090,
44.1006

■ 18.9729, 19.9864,
42.3934

■ 34.6453, 36.6957,
44.7926

■ 16.3804, 16.9316,
41.9404

■ 40.0158, 42.0825,
45.5493

■ 14.2596, 14.2865,
41.5416

■ 46.0121, 47.9844,
46.3724

■ 12.5755, 12.0280,
41.1944

■ 52.6548, 54.4157,
47.2637

■ 11.2872, 10.1298,
40.8960

■ 59.9633, 61.3903,
48.2247

■ 10.3156, 8.5457,
40.6414

■ 67.9563, 68.9213,
49.2571

■ 10.2689, 8.4692,
40.6291

■ 74.6354, 75.9822,
50.2679

■ 77.2143, 81.1399,
51.1276

Harmonies

Analogous

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



23.7247, 27.4055, 40.8133



25.6943, 27.4055, 43.4707



27.8695, 27.4055, 42.0805

Triad

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



25.6943, 27.4055, 43.4707



30.0301, 27.4055, 25.0257



22.7580, 27.4055, 23.4903

Complementary

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



25.6943, 27.4055, 43.4707



31.6533, 32.1025, 22.9413

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.



24.3079, 27.4055, 20.2381



25.6943, 27.4055, 43.4707



28.5184, 27.4055, 21.0341

Square

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



25.6943, 27.4055, 43.4707



30.4519, 27.4055, 30.8694



26.4051, 27.4055, 19.4056



22.0908, 27.4055, 28.8336

Rectangle

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



25.6943, 27.4055, 43.4707



29.1335, 27.4055, 39.1346



26.4051, 27.4055, 19.4056



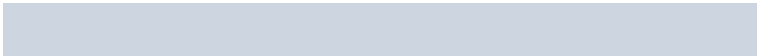
23.1887, 27.4055, 22.1474

Sweetspot

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



25.6952, 27.4066, 43.4713



62.3396, 66.0156, 80.2624



28.4111, 36.2016, 34.0085



13.2705, 14.0653, 17.4031



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.



25.6952, 27.4066, 43.4713



41.9192, 44.6640, 77.2174



22.7721, 21.1999, 42.4274



7.8652, 8.3298, 10.1460



7.5996, 6.3330, 29.8664



0.2665, 0.2864, 0.8492

Inverse Universe

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



29.3047, 24.8485, 30.0409



49.4913, 39.7737, 48.9362



35.3170, 39.9845, 24.2696



8.1498, 8.0732, 9.0994



13.6995, 6.9424, 6.0632



0.4089, 0.2043, 0.3151

Previews

White Background



This preview shows how the XYZ color 25.6943, 27.4055, 43.4707 looks on a white background.

Color Contrast Check

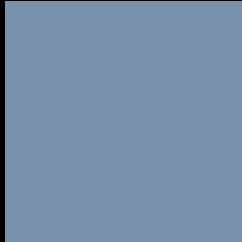
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6943, 27.4055, 43.4707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

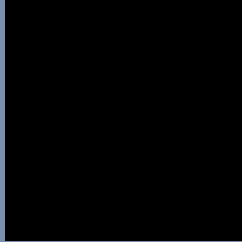
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

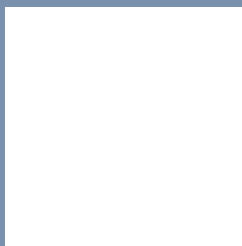
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6943, 27.4055, 43.4707

Background



This preview shows how black text looks on a background with the XYZ color 25.6943, 27.4055, 43.4707.



This preview shows how white text looks on a background with the XYZ color 25.6943, 27.4055,

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

25.6943, 27.4055, 43.4707

Protanopia

26.9339, 27.1863, 41.8581

Deuteranopia

28.0026, 27.4749, 43.8717



Tritanopia

24.2995, 27.2926, 36.7882

Trichromacy



Original Color

25.6943, 27.4055, 43.4707

Protanomaly

26.3838, 27.1116, 42.3706

Deuteranomaly

27.1445, 27.4703, 43.9160

Tritanomaly

24.7255, 27.2312, 39.0749

Monochromacy



Original Color

25.6943, 27.4055, 43.4707

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2543, 26.7142, 33.9623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6943, 27.4055, 43.4707 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(122, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 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(122, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 173) }
```

Border

The CSS property to change the border of an element to XYZ 25.6943, 27.4055, 43.4707 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(122, 145, 173) }
```


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

```
.border{ border-color:rgb(122, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(122, 145,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6943, 27.4055, 43.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 173) }
```

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

```
.background{ background-color: rgb(122,  
145, 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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