

Converting Colors

XYZ(25.1430, 27.8331, 42.5752)

Have a look what the booklet for
XYZ(25.1430, 27.8331, 42.5752)
contains.

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Color

**XYZ(25.1430, 27.8331,
42.5752)**

Conversions

Conversions Part 1

Format	Color
Hex	7494AB
RGB	116, 148, 171
RGB Percent	45%, 58%, 67%
CMY	0.5451, 0.4196, 0.3294
CMYK	0.32, 0.13, 0.00, 0.33
HSL	205°, 25%, 56%
HSV	205°, 32%, 67%
XYZ	25.1430, 27.8331, 42.5752
YIQ	141.0540, -26.4550, 0.3690

Conversions

Conversions Part 2

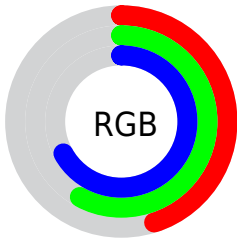
Format	Color
R_{YB}	116, 136, 171
Decimal	7640235
CIE _{Lab}	59.74, -5.49, -15.67
CIE _{LCh}	60, 16.601, 250.701
Yxy	27.8331, 0.2631, 0.2913
Android (android.graphics.Color)	4285830315 (0xFF7494AB)
YUV	141.0540, 14.7634, -21.9724
Hunter-Lab	52.7571, -7.2553, -10.9173

Details

The XYZ color **25.1430, 27.8331, 42.5752** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.1799, 28.3842, 20.4643**, and the grayscale version is **25.2906, 26.6077, 28.9758**.

A 20% lighter version of the original color is **51.2102, 56.1671, 80.0938**, and **9.7844, 11.0051, 19.0613** is the 20% darker color. If you saturate the color by 10%, you get **21.9888, 24.5937, 42.1167**, and if you desaturate by 10%, it is **28.7867, 31.4290, 43.0777**.

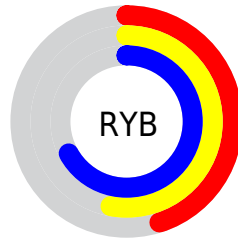
Distribution



Red (45%)

Green (58%)

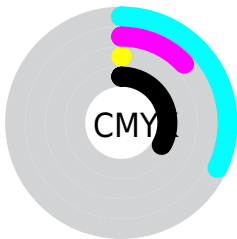
Blue (67%)



Red (45%)

Yellow (53%)

Blue (67%)

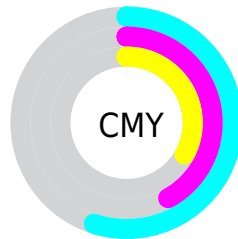


Cyan (32%)

Magenta (13%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (42%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1430, 27.8331, 42.5752 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 25.1430, 27.8331, 42.5752 by changing the saturation by 10% instead.

■ 25.1430, 27.8331,
42.5752

■ 25.1430, 27.8331,
42.5752

270.8839,
291.6685, 372.7316

■ 16.3129, 18.1999,
29.2230

■ 51.3303, 56.2179,
80.3489

■ 9.8381, 11.0936,
19.0026

■ 69.4183, 75.7382,
105.6075

■ 5.3532, 6.1298,
11.4953

■ 91.3230, 99.3231,
135.6720

■ 2.4928, 2.9242,
6.2827

117.4097,
127.3568, 170.9609

■ 0.8916, 1.0923,
2.9462

148.0437,
160.2238, 211.8928

■ 0.0000, 0.0000,
1.0672

183.5906,

■ 0.0000, 0.0000,

198.3085, 258.8862

0.0000

224.4155,
241.9953, 312.3596

■ 25.1430, 27.8331,
42.5752

■ 25.1430, 27.8331,
42.5752

■ 21.9888, 24.5937,
42.1167

■ 28.7867, 31.4290,
43.0777

■ 19.2972, 21.6932,
41.6987

■ 32.9396, 35.3914,
43.6236

■ 17.0426, 19.1172,
41.3203

■ 37.6237, 39.7340,
44.2150

■ 15.1957, 16.8484,
40.9797

■ 42.8586, 44.4688,
44.8530

■ 13.7228, 14.8677,
40.6750

■ 48.6631, 49.6069,
45.5388

■ 12.5845, 13.1526,
40.4040

■ 55.0549, 55.1592,
46.2736

■ 11.8598, 11.9584,
40.2116

■ 62.0511, 61.1361,
47.0585

■ 69.6677, 67.5474,
47.8946

■ 72.2236, 71.4659,
48.5162

Harmonies

Analogous

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



23.5114, 27.8331, 38.4847



25.1430, 27.8331, 42.5752



27.2110, 27.8331, 43.1403

Triad

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



25.1430, 27.8331, 42.5752



30.6215, 27.8331, 28.2097



23.9091, 27.8331, 22.3605

Complementary

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



25.1430, 27.8331, 42.5752



29.1799, 28.3842, 20.4643

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.



25.7122, 27.8331, 20.3081



25.1430, 27.8331, 42.5752



29.6336, 27.8331, 23.3760

Square

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



25.1430, 27.8331, 42.5752



30.4492, 27.8331, 34.2882



27.8109, 27.8331, 20.6535



22.8255, 27.8331, 26.6438

Rectangle

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



25.1430, 27.8331, 42.5752



28.5689, 27.8331, 41.3695



27.8109, 27.8331, 20.6535



24.4471, 27.8331, 21.4142

Sweetspot

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



25.1439, 27.8342, 42.5758



60.5818, 64.8733, 78.3307



26.4200, 34.7010, 29.7002



13.2655, 14.2381, 17.4367



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.



25.1439, 27.8342, 42.5758



40.6990, 45.4234, 75.6244



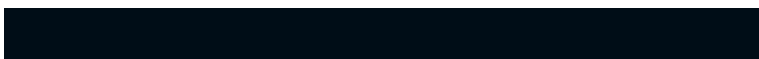
21.3406, 20.2276, 41.3081



7.9514, 8.5021, 10.1747



8.9933, 9.1206, 30.3310



0.3026, 0.3586, 0.8613

Inverse Universe

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



28.3859, 23.2875, 31.0171



47.6161, 36.4569, 50.7984



33.6596, 37.3436, 21.9576



8.1933, 8.0906, 9.3285



14.4031, 7.2238, 9.7679



0.4272, 0.2115, 0.4111

Previews

White Background



This preview shows how the XYZ color 25.1430, 27.8331, 42.5752 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 25.1430, 27.8331, 42.5752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

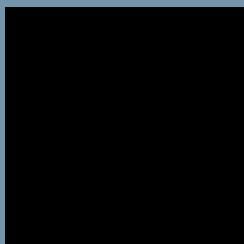
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

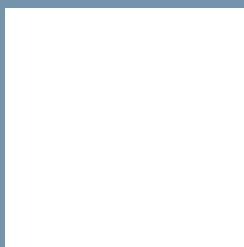
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1430, 27.8331, 42.5752

Background



This preview shows how black text looks on a background with the XYZ color 25.1430, 27.8331, 42.5752.



This preview shows how white text looks on a background with the XYZ color 25.1430, 27.8331,

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

25.1430, 27.8331, 42.5752

Protanopia

27.2955, 27.6250, 40.4527

Deuteranopia

28.2486, 27.6129, 43.3761



Tritanopia

24.3674, 27.9987, 38.3024

Trichromacy



Original Color

25.1430, 27.8331, 42.5752

Protanomaly

26.4012, 27.5990, 40.9814

Deuteranomaly

26.9417, 27.6100, 42.9390

Tritanomaly

24.6092, 27.8563, 39.6771

Monochromacy



Original Color

25.1430, 27.8331, 42.5752

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1565, 27.1190, 33.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1430, 27.8331, 42.5752 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(116, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(116, 148, 171)  
}
```

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(116, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 148, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.1430, 27.8331, 42.5752 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(116, 148, 171) }
```


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

```
.border{ border-color:rgb(116, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(116, 148,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1430, 27.8331, 42.5752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 148, 171) }
```

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

```
.background{ background-color: rgb(116,  
148, 171) }
```

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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