

Converting Colors

XYZ(24.4130, 24.7787, 52.7863)

Have a look what the booklet for
XYZ(24.4130, 24.7787, 52.7863)
contains.

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Color

**XYZ(24.4130, 24.7787,
52.7863)**

Conversions

Conversions Part 1

Format	Color
Hex	6B89BF
RGB	107, 137, 191
RGB Percent	42%, 54%, 75%
CMY	0.5804, 0.4627, 0.2510
CMYK	0.44, 0.28, 0.00, 0.25
HSL	219°, 40%, 58%
HSV	219°, 44%, 75%
XYZ	24.4130, 24.7787, 52.7863
YIQ	134.1860, -35.2140, 10.4340

Conversions

Conversions Part 2

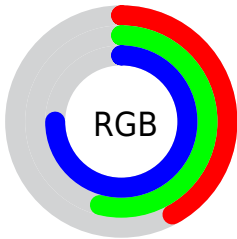
Format	Color
R_{YB}	107, 129, 191
Decimal	7047615
CIE _{Lab}	56.86, 3.78, -31.50
CIE _{LCh}	57, 31.722, 276.851
Yxy	24.7787, 0.2394, 0.2430
Android (android.graphics.Color)	4285237695 (0xFF6B89BF)
YUV	134.1860, 28.0093, -23.8421
Hunter-Lab	49.7782, 0.4309, -28.0281

Details

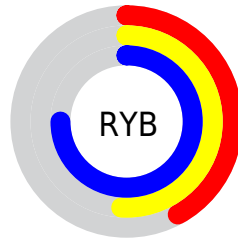
The XYZ color **24.4130, 24.7787, 52.7863** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **36.8853, 37.6285, 19.2298**, and the grayscale version is **22.6386, 23.8175, 25.9373**.

A 20% lighter version of the original color is **50.2570, 51.2856, 96.0572**, and **9.3918, 9.3794, 24.9823** is the 20% darker color. If you saturate the color by 10%, you get **20.7181, 20.4290, 52.1419**, and if you desaturate by 10%, it is **28.8155, 29.7890, 53.5218**.

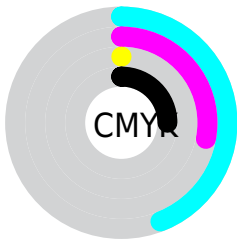
Distribution



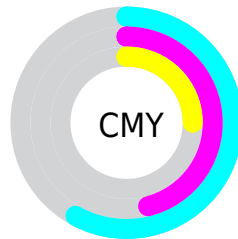
- Red (42%)
- Green (54%)
- Blue (75%)



- Red (42%)
- Yellow (51%)
- Blue (75%)



- Cyan (44%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4130, 24.7787, 52.7863 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 24.4130, 24.7787, 52.7863 by changing the saturation by 10% instead.

■ 24.4130, 24.7787,
52.7863

■ 24.4130, 24.7787,
52.7863

267.3038,
276.7341, 414.5077

■ 15.7667, 15.9123,
37.2456

■ 50.1531, 51.2980,
95.7282

■ 9.4490, 9.4621,
25.1005

■ 67.9776, 69.7196,
123.9665

■ 5.0946, 5.0438,
15.9322

■ 89.5921, 92.0951,
157.2745

■ 2.3382, 2.2730,
9.3224

■ 115.3622,
118.8088, 196.0706

■ 0.8141, 0.7594,
4.8524

145.6530,
150.2452, 240.7735

■ 0.0000, 0.0000,
2.1037

180.8299,

■ 0.0000, 0.0000,

186.7886, 291.8016

0.6180

221.2584,
228.8234, 349.5735

■ 0.0000, 0.0000,
0.0000

■ 24.4130, 24.7787,
52.7863

■ 24.4130, 24.7787,
52.7863

■ 20.7181, 20.4290,
52.1419

■ 28.8155, 29.7890,
53.5218

■ 17.6878, 16.7064,
51.5831

■ 33.9599, 35.4857,
54.3502

■ 15.2780, 13.5785,
51.1064

■ 39.8815, 41.8961,
55.2755

■ 13.4378, 11.0078,
50.7072

■ 46.6122, 49.0456,
56.3007

■ 12.1064, 8.9514,
50.3804

■ 54.1824, 56.9578,
57.4289

■ 11.4842, 7.9218,
50.2145

■ 62.6205, 65.6556,
58.6630

■ 71.9538, 75.1605,
60.0058

■ 80.4187, 84.5710,
61.3760

■ 84.0611, 91.8556,
62.5901

Harmonies

Analogous

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



20.8557, 24.7787, 50.4748



24.4130, 24.7787, 52.7863



28.0961, 24.7787, 46.8629

Triad

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



24.4130, 24.7787, 52.7863



29.7363, 24.7787, 16.4845



17.5799, 24.7787, 19.7158

Complementary

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



24.4130, 24.7787, 52.7863



36.8853, 37.6285, 19.2298

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.



19.5253, 24.7787, 13.7067



24.4130, 24.7787, 52.7863



26.4700, 24.7787, 12.2122

Square

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



24.4130, 24.7787, 52.7863



31.3716, 24.7787, 24.6145



22.7103, 24.7787, 11.3492



17.1525, 24.7787, 29.4920

Rectangle

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



24.4130, 24.7787, 52.7863



30.0463, 24.7787, 39.7708



22.7103, 24.7787, 11.3492



18.0672, 24.7787, 17.2755

Sweetspot

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



24.4139, 24.7796, 52.7869



72.3053, 75.9761, 99.1331



31.0576, 42.9331, 40.0003



15.3242, 16.0901, 21.6833



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.4139, 24.7796, 52.7869



37.1893, 36.6882, 93.4006



22.1609, 18.1435, 51.6247



9.2879, 9.7680, 12.0681



7.6169, 5.3456, 33.0232



0.3609, 0.3345, 1.3144

Inverse Universe

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



31.2596, 23.3988, 26.5366



51.3736, 35.0344, 38.7398



40.0611, 48.0030, 21.0649



9.6671, 9.5912, 10.6362



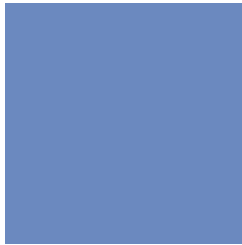
14.8454, 7.5693, 4.4798



0.6131, 0.3091, 0.3418

Previews

White Background



This preview shows how the XYZ color 24.4130, 24.7787, 52.7863 looks on a white background.

Color Contrast Check

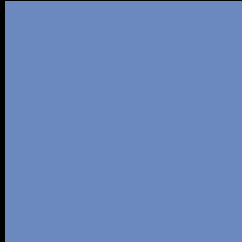
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4130, 24.7787, 52.7863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

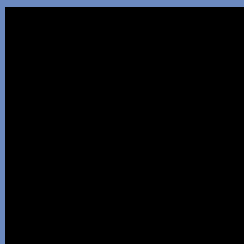
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

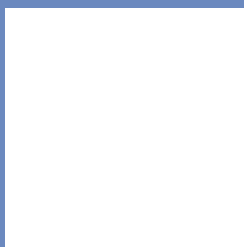
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4130, 24.7787, 52.7863

Background



This preview shows how black text looks on a background with the XYZ color 24.4130, 24.7787, 52.7863.

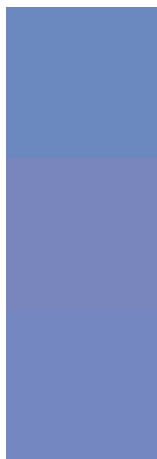


This preview shows how white text looks on a background with the XYZ color 24.4130, 24.7787,

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

24.4130, 24.7787, 52.7863

Protanopia

25.4561, 24.7174, 51.5734

Deuteranopia

25.3809, 24.8467, 53.3274



Tritanopia

20.8194, 24.8545, 34.7104

Trichromacy



Original Color

24.4130, 24.7787, 52.7863

Protanomaly

25.0285, 24.6905, 52.1618

Deuteranomaly

25.1286, 24.9248, 53.3557

Tritanomaly

21.9596, 24.6436, 40.6451

Monochromacy



Original Color

24.4130, 24.7787, 52.7863

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8925, 23.9796, 34.4323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4130, 24.7787, 52.7863 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(107, 137, 191)` looks like.

```
.text, #text, p{  
    color:rgb(107, 137, 191)  
}
```

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(107, 137, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 137, 191) }
```

Border

The CSS property to change the border of an element to XYZ 24.4130, 24.7787, 52.7863 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(107, 137, 191) }
```


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

```
.border{ border-color:rgb(107, 137, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 137, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 137, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 137, 191);  
box-shadow:4px 4px 4px 4px rgb(107, 137,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4130, 24.7787, 52.7863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 137, 191) }
```

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

```
.background{ background-color: rgb(107,  
137, 191) }
```

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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