

Converting Colors

XYZ(24.7638, 27.2605, 52.1775)

Have a look what the booklet for
XYZ(24.7638, 27.2605, 52.1775)
contains.

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Color

**XYZ(24.6560, 27.1382,
52.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	6293BD
RGB	98, 147, 189
RGB Percent	38%, 58%, 74%
CMY	0.6157, 0.4235, 0.2588
CMYK	0.48, 0.22, 0.00, 0.26
HSL	208°, 41%, 56%
HSV	208°, 48%, 74%
XYZ	24.6560, 27.1382, 52.0828
YIQ	137.1370, -42.6860, 2.6740

Conversions

Conversions Part 2

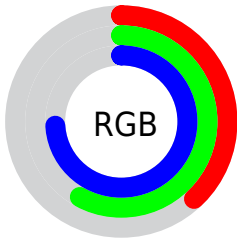
Format	Color
R_{YB}	98, 130, 189
Decimal	6460349
CIE _{Lab}	59.10, -4.83, -26.93
CIE _{LCh}	59, 27.358, 259.826
Yxy	27.1382, 0.2374, 0.2613
Android (android.graphics.Color)	4284650429 (0xFF6293BD)
YUV	137.1370, 25.5685, -34.3231
Hunter-Lab	52.0943, -6.6819, -22.8108

Details

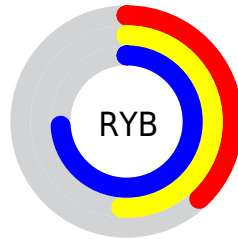
The XYZ color **24.6560, 27.1382, 52.0828** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.5697, 30.4577, 15.7186**, and the grayscale version is **23.7483, 24.9851, 27.2088**.

A 20% lighter version of the original color is **50.5049, 55.1382, 94.3670**, and **9.6331, 10.7984, 24.8691** is the 20% darker color. If you saturate the color by 10%, you get **21.5471, 23.5981, 51.5638**, and if you desaturate by 10%, it is **28.3511, 31.1343, 52.6599**.

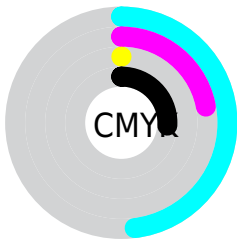
Distribution



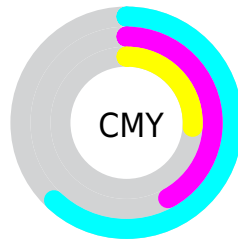
- Red (38%)
- Green (58%)
- Blue (74%)



- Red (38%)
- Yellow (51%)
- Blue (74%)



- Cyan (48%)
- Magenta (22%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6560, 27.1382, 52.0828 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 24.6560, 27.1382, 52.0828 by changing the saturation by 10% instead.

■ 24.6560, 27.1382,
52.0828

■ 24.6560, 27.1382,
52.0828

268.4998,
288.3256, 411.7222

■ 15.9483, 17.6770,
36.6884

■ 50.5455, 55.1056,
94.6812

■ 9.5782, 10.7184,
24.6724

■ 68.4581, 74.3805,
122.7222

■ 5.1803, 5.8778,
15.6164

■ 90.1696, 97.6956,
155.8158

■ 2.3893, 2.7709,
9.1017

■ 116.0455,
125.4351, 194.3806

■ 0.8398, 1.0133,
4.7099

146.4511,
157.9835, 238.8351

■ 0.0000, 0.0000,
2.0223

181.7518,

■ 0.0000, 0.0000,

195.7251, 289.5979

0.5689

222.3129,
239.0443, 347.0874

■ 0.0000, 0.0000,
0.0000

■ 24.6560, 27.1382,
52.0828

■ 24.6560, 27.1382,
52.0828

■ 21.5471, 23.5981,
51.5638

■ 28.3511, 31.1343,
52.6599

■ 18.9849, 20.4886,
51.0987

■ 32.6628, 35.6038,
53.2953

■ 16.9291, 17.7860,
50.6854

■ 37.6228, 40.5665,
53.9918

■ 15.3315, 15.4620,
50.3210

■ 43.2593, 46.0403,
54.7513

■ 14.1181, 13.4744,
50.0013

■ 49.5992, 52.0417,
55.5755

■ 13.9142, 13.1317,
49.9459

■ 56.6674, 58.5868,
56.4663

■ 64.4879, 65.6906,
57.4253

■ 73.0834, 73.3676,
58.4541

■ 77.4888, 79.0609,
59.3208

Harmonies

Analogous

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



21.8010, 27.1382, 46.2940



24.6560, 27.1382, 52.0828



28.0762, 27.1382, 50.9018

Triad

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



24.6560, 27.1382, 52.0828



32.4482, 27.1382, 23.6411



21.1129, 27.1382, 19.0384

Complementary

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



24.6560, 27.1382, 52.0828



32.5697, 30.4577, 15.7186

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.



23.6390, 27.1382, 15.1997



24.6560, 27.1382, 52.0828



30.2471, 27.1382, 17.4242

Square

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



24.6560, 27.1382, 52.0828



32.7811, 27.1382, 32.9823



26.9666, 27.1382, 14.6821



19.8778, 27.1382, 26.3624

Rectangle

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



24.6560, 27.1382, 52.0828



30.2132, 27.1382, 46.3930



26.9666, 27.1382, 14.6821



21.8283, 27.1382, 17.3727

Sweetspot

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



24.6569, 27.1392, 52.0835



71.1942, 76.3884, 97.2183



27.8919, 40.8552, 30.8237



14.8535, 15.9809, 20.8443



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.6569, 27.1392, 52.0835



38.1974, 41.8012, 92.2814



19.0288, 15.8830, 50.2074



9.4305, 10.0533, 12.1157



9.4390, 8.9897, 33.6306



0.4345, 0.4817, 1.3389

Inverse Universe

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



30.6212, 21.6617, 30.1719



50.5823, 32.3060, 46.3603



40.4256, 46.1695, 18.3372



9.7391, 9.6200, 11.0154



15.7651, 7.9372, 9.3227



0.6502, 0.3240, 0.5374

Previews

White Background



This preview shows how the XYZ color 24.6560, 27.1382, 52.0828 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 24.6560, 27.1382, 52.0828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

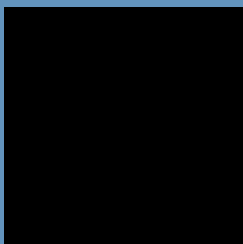
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

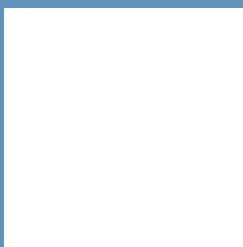
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6560, 27.1382, 52.0828

Background



This preview shows how black text looks on a background with the XYZ color 24.6560, 27.1382, 52.0828.

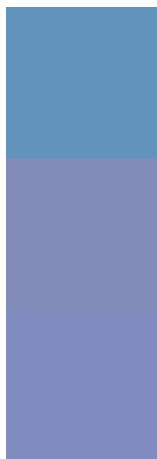


This preview shows how white text looks on a background with the XYZ color 24.6560, 27.1382,

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

24.6560, 27.1382, 52.0828

Protanopia

27.2357, 26.9627, 49.1162

Deuteranopia

27.6841, 27.1069, 53.0633



Tritanopia

22.1455, 27.3105, 39.2262

Trichromacy



Original Color

24.6560, 27.1382, 52.0828

Protanomaly

26.1566, 27.0416, 50.2953

Deuteranomaly

26.4528, 27.1445, 52.5604

Tritanomaly

22.9634, 27.1570, 43.5667

Monochromacy



Original Color

24.6560, 27.1382, 52.0828

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6940, 25.6610, 35.1568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6560, 27.1382, 52.0828 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(98, 147, 189)` looks like.

```
.text, #text, p{  
    color:rgb(98, 147, 189)  
}
```

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(98, 147, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 147, 189) }
```

Border

The CSS property to change the border of an element to XYZ 24.6560, 27.1382, 52.0828 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(98, 147, 189) }
```


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

```
.border{ border-color:rgb(98, 147, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 147, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 147, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 147, 189);  
box-shadow:4px 4px 4px 4px rgb(98, 147,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6560, 27.1382, 52.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 147, 189) }
```

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

```
.background{ background-color: rgb(98, 147,  
189) }
```

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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