

Converting Colors

XYZ(23.1050, 27.0277, 40.8658)

Have a look what the booklet for
XYZ(23.1050, 27.0277, 40.8658)
contains.

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Color

**XYZ(23.1822, 27.0887,
41.0526)**

Conversions

Conversions Part 1

Format	Color
Hex	6595A8
RGB	101, 149, 168
RGB Percent	40%, 58%, 66%
CMY	0.6039, 0.4157, 0.3412
CMYK	0.40, 0.11, 0.00, 0.34
HSL	197°, 28%, 53%
HSV	197°, 40%, 66%
XYZ	23.1822, 27.0887, 41.0526
YIQ	136.8140, -34.7070, -4.2670

Conversions

Conversions Part 2

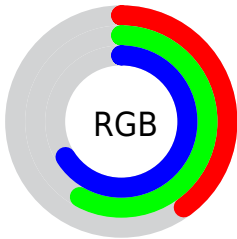
Format	Color
R_{YB}	101, 129, 168
Decimal	6657448
CIE _{Lab}	59.06, -11.12, -15.08
CIE _{LCh}	59, 18.735, 233.590
Yxy	27.0887, 0.2538, 0.2966
Android (android.graphics.Color)	4284847528 (0xFF6595A8)
YUV	136.8140, 15.3747, -31.4089
Hunter-Lab	52.0468, -11.5761, -10.3330

Details

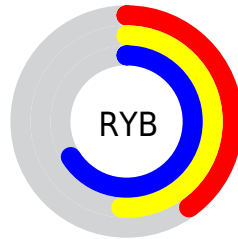
The XYZ color **23.1822, 27.0887, 41.0526** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.2146, 22.6981, 15.3651**, and the grayscale version is **23.6616, 24.8938, 27.1094**.

A 20% lighter version of the original color is **48.1928, 55.0081, 77.8896**, and **8.7867, 10.6493, 18.1154** is the 20% darker color. If you saturate the color by 10%, you get **20.7518, 24.7402, 40.7279**, and if you desaturate by 10%, it is **26.0297, 29.6992, 41.4069**.

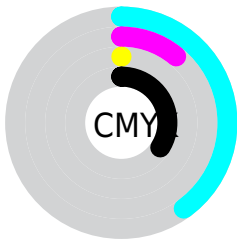
Distribution



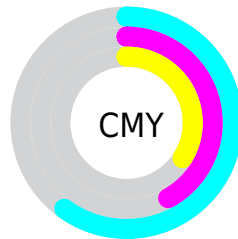
- Red (40%)
- Green (58%)
- Blue (66%)



- Red (40%)
- Yellow (51%)
- Blue (66%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1822, 27.0887, 41.0526 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 23.1822, 27.0887, 41.0526 by changing the saturation by 10% instead.

■ 23.1822, 27.0887,
41.0526

■ 23.1822, 27.0887,
41.0526

261.1773,
288.0863, 366.2236

■ 14.8495, 17.6399,
28.0402

■ 48.1568, 55.0262,
78.0183

■ 8.7995, 10.6917,
18.1166

■ 65.5294, 74.2836,
102.8086

■ 4.6667, 5.8599,
10.8635

■ 86.6461, 97.5793,
132.3620

■ 2.0858, 2.7601,
5.8621

■ 111.8721,
125.2977, 167.0970

■ 0.6815, 1.0078,
2.6940

141.5729,
157.8232, 207.4321

■ 0.0000, 0.0000,
0.9404

176.1138,

■ 0.0000, 0.0000,

195.5403, 253.7858

0.0000

215.8602,
238.8332, 306.5768

■ 23.1822, 27.0887,
41.0526

■ 23.1822, 27.0887,
41.0526

■ 20.7518, 24.7402,
40.7279

■ 26.0297, 29.6992,
41.4069

■ 18.7119, 22.6377,
40.4296

■ 29.3136, 32.5804,
41.7899

■ 17.0369, 20.7679,
40.1569

■ 33.0551, 35.7443,
42.2034

■ 15.6967, 19.1149,
39.9085

■ 37.2734, 39.2013,
42.6484

■ 14.6559, 17.6598,
39.6825

■ 41.9862, 42.9612,
43.1257

■ 13.8374, 16.3622,
39.4752

■ 47.2105, 47.0330,
43.6363

■ 13.8279, 16.3470,
39.4727

■ 52.9624, 51.4257,
44.1810

■ 59.2573, 56.1477,
44.7606

■ 66.1100, 61.2069,
45.3760

Harmonies

Analogous

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



21.8615, 27.0887, 34.9244



23.1822, 27.0887, 41.0526



25.2508, 27.0887, 44.1447

Triad

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



23.1822, 27.0887, 41.0526



30.4528, 27.0887, 30.9484



23.9981, 27.0887, 19.2438

Complementary

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



23.1822, 27.0887, 41.0526



25.2146, 22.6981, 15.3651

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.



26.2496, 27.0887, 18.5083



23.1822, 27.0887, 41.0526



30.0676, 27.0887, 24.6597

Square

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



23.1822, 27.0887, 41.0526



29.5172, 27.0887, 37.7709



28.4943, 27.0887, 20.3398



22.3123, 27.0887, 22.5259

Rectangle

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



23.1822, 27.0887, 41.0526



26.8124, 27.0887, 43.7812



28.4943, 27.0887, 20.3398



24.7102, 27.0887, 18.7133

Sweetspot

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



23.1830, 27.0898, 41.0532



58.3168, 63.4714, 76.4027



22.7594, 32.1283, 22.7668



12.5241, 13.6774, 16.6321



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.1830, 27.0898, 41.0532



38.0644, 45.2992, 73.9625



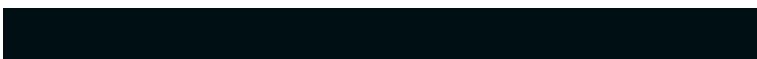
18.6254, 17.9745, 39.5340



7.5651, 8.1671, 9.5960



10.4873, 12.4347, 29.8229



0.2953, 0.3828, 0.7390

Inverse Universe

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



26.2277, 19.8030, 30.8748



44.5594, 30.8431, 52.0054



29.9686, 32.2061, 16.9498



7.7498, 7.6298, 8.9998



14.7941, 7.3263, 14.2590



0.3802, 0.1864, 0.4536

Previews

White Background



This preview shows how the XYZ color 23.1822, 27.0887, 41.0526 looks on a white background.

Color Contrast Check

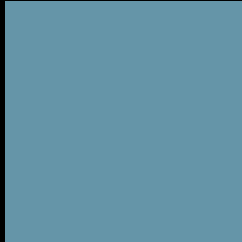
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1822, 27.0887, 41.0526 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

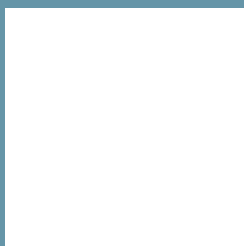
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1822, 27.0887, 41.0526

Background



This preview shows how black text looks on a background with the XYZ color 23.1822, 27.0887, 41.0526.



This preview shows how white text looks on a background with the XYZ color 23.1822, 27.0887,

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

23.1822, 27.0887, 41.0526

Protanopia

26.3809, 26.7681, 37.9588

Deuteranopia

27.3287, 26.7420, 41.7515



Tritanopia

22.5735, 27.0740, 38.2185

Trichromacy



Original Color

23.1822, 27.0887, 41.0526

Protanomaly

24.9807, 26.6852, 38.9561

Deuteranomaly

25.4386, 26.6462, 41.3386

Tritanomaly

22.8627, 27.2024, 39.1675

Monochromacy



Original Color

23.1822, 27.0887, 41.0526

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.1824, 25.4730, 31.7119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1822, 27.0887, 41.0526 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(101, 149, 168)` looks like.

```
.text, #text, p{  
    color:rgb(101, 149, 168)  
}
```

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(101, 149, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 149, 168) }
```

Border

The CSS property to change the border of an element to XYZ 23.1822, 27.0887, 41.0526 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(101, 149, 168) }
```


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

```
.border{ border-color:rgb(101, 149, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 149, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 149, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 149, 168);  
box-shadow:4px 4px 4px 4px rgb(101, 149,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1822, 27.0887, 41.0526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 149, 168) }
```

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

```
.background{ background-color: rgb(101,  
149, 168) }
```

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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