

Converting Colors

XYZ(24.1383, 26.8741, 41.2626)

Have a look what the booklet for
XYZ(24.1383, 26.8741, 41.2626)
contains.

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Color

**XYZ(24.1224, 26.8671,
41.4506)**

Conversions

Conversions Part 1

Format	Color
Hex	7092A9
RGB	112, 146, 169
RGB Percent	44%, 57%, 66%
CMY	0.5608, 0.4274, 0.3373
CMYK	0.34, 0.14, 0.00, 0.34
HSL	204°, 25%, 55%
HSV	204°, 34%, 66%
XYZ	24.1224, 26.8671, 41.4506
YIQ	138.4560, -27.6470, -0.0550

Conversions

Conversions Part 2

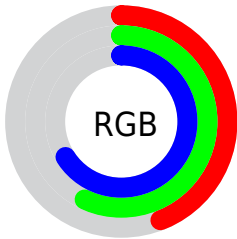
Format	Color
RYB	112, 133, 169
Decimal	7377577
CIELab	58.85, -6.07, -15.90
CIElCh	59, 17.016, 249.107
Yxy	26.8671, 0.2610, 0.2906
Android (android.graphics.Color)	4285567657 (0xFF7092A9)
YUV	138.4560, 15.0582, -23.2019
Hunter-Lab	51.8335, -7.6378, -11.1300

Details

The XYZ color **24.1224, 26.8671, 41.4506** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.9512, 26.9331, 19.0554**, and the grayscale version is **24.2842, 25.5488, 27.8227**.

A 20% lighter version of the original color is **49.6259, 54.6897, 78.4616**, and **9.3182, 10.6422, 18.3926** is the 20% darker color. If you saturate the color by 10%, you get **21.1507, 23.8215, 41.0198**, and if you desaturate by 10%, it is **27.5621, 30.2483, 41.9224**.

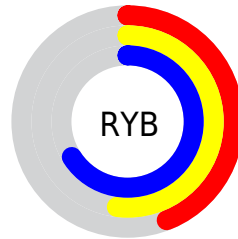
Distribution



Red (44%)

Green (57%)

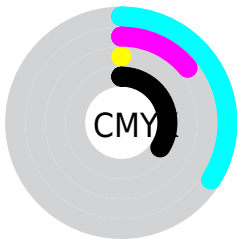
Blue (66%)



Red (44%)

Yellow (52%)

Blue (66%)

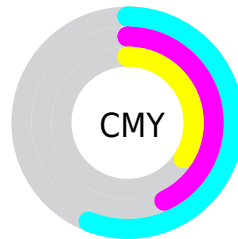


Cyan (34%)

Magenta (14%)

Yellow (0%)

Black (34%)



Cyan (56%)

Magenta (43%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1224, 26.8671, 41.4506 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 24.1224, 26.8671, 41.4506 by changing the saturation by 10% instead.

■ 24.1224, 26.8671,
41.4506

■ 24.1224, 26.8671,
41.4506

265.8677,
287.0131, 367.9326

■ 15.5497, 17.4734,
28.3490

■ 49.6831, 54.6705,
78.6285

■ 9.2949, 10.5726,
18.3476

■ 67.4018, 73.8491,
103.5419

■ 4.9927, 5.7802,
11.0278

■ 88.8998, 97.0581,
133.2297

■ 2.2777, 2.7119,
5.9711

■ 114.5425,
124.6819, 168.1104

■ 0.7832, 0.9832,
2.7590

144.6953,
157.1049, 208.6024

■ 0.0000, 0.0000,
0.9729

179.7236,

■ 0.0000, 0.0000,

194.7115, 255.1245

0.0000

219.9926,
237.8861, 308.0950

■ 24.1224, 26.8671,
41.4506

■ 24.1224, 26.8671,
41.4506

■ 21.1507, 23.8215,
41.0198

■ 27.5621, 30.2483,
41.9224

■ 18.6208, 21.0946,
40.6268

■ 31.4891, 33.9747,
42.4347

■ 16.5076, 18.6722,
40.2706

■ 35.9249, 38.0597,
42.9894

■ 14.7820, 16.5378,
39.9496

■ 40.8886, 42.5144,
43.5876

■ 13.4109, 14.6726,
39.6618

■ 46.3985, 47.3498,
44.2306

■ 12.3550, 13.0544,
39.4052

■ 52.4717, 52.5763,
44.9193

■ 11.7969, 12.1354,
39.2572

■ 59.1250, 58.2037,
45.6548

■ 66.3739, 64.2415,
46.4382

■ 70.8049, 68.9314,
47.1098

Harmonies

Analogous

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



22.5277, 26.8671, 37.1765



24.1224, 26.8671, 41.4506



26.1812, 26.8671, 42.2313

Triad

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



24.1224, 26.8671, 41.4506



29.7372, 26.8671, 27.4602



23.0717, 26.8671, 21.1620

Complementary

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



24.1224, 26.8671, 41.4506



27.9512, 26.9331, 19.0554

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.



24.9022, 26.8671, 19.2511



24.1224, 26.8671, 41.4506



28.8017, 26.8671, 22.5450

Square

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



24.1224, 26.8671, 41.4506



29.5002, 26.8671, 33.5774



27.0045, 26.8671, 19.7201



21.9446, 26.8671, 25.3181

Rectangle

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



24.1224, 26.8671, 41.4506



27.5526, 26.8671, 40.5732



27.0045, 26.8671, 19.7201



23.6209, 26.8671, 20.2636

Sweetspot

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



24.1232, 26.8682, 41.4512



59.1069, 63.3671, 76.3409



25.2298, 33.5649, 27.9975



12.6560, 13.6012, 16.6104



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.



24.1232, 26.8682, 41.4512



39.3969, 44.2441, 73.6886



20.2873, 19.1964, 40.1726



7.4898, 8.0166, 9.5709



8.8456, 9.1513, 29.2757



0.2634, 0.3190, 0.7283

Inverse Universe

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



27.3454, 22.0994, 30.0196



46.1401, 34.9522, 49.6105



32.4379, 35.9065, 20.5509



7.7118, 7.6146, 8.7997



13.9654, 6.9949, 9.8954



0.3641, 0.1799, 0.3688

Previews

White Background



This preview shows how the XYZ color 24.1224, 26.8671, 41.4506 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 24.1224, 26.8671, 41.4506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

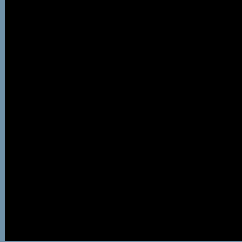
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1224, 26.8671, 41.4506

Background



This preview shows how black text looks on a background with the XYZ color 24.1224, 26.8671, 41.4506.



This preview shows how white text looks on a background with the XYZ color 24.1224, 26.8671,

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

24.1224, 26.8671, 41.4506

Protanopia

26.3230, 26.7070, 39.3649

Deuteranopia

27.2544, 26.6927, 42.2438



Tritanopia

23.2783, 26.9980, 36.7851

Trichromacy



Original Color

24.1224, 26.8671, 41.4506

Protanomaly

25.3083, 26.6112, 39.8790

Deuteranomaly

25.9865, 26.6979, 41.8138

Tritanomaly

23.6001, 26.8913, 38.5970

Monochromacy



Original Color

24.1224, 26.8671, 41.4506

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0030, 25.8868, 32.1653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1224, 26.8671, 41.4506 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(112, 146, 169)` looks like.

```
.text, #text, p{  
    color:rgb(112, 146, 169)  
}
```

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(112, 146, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 146, 169) }
```

Border

The CSS property to change the border of an element to XYZ 24.1224, 26.8671, 41.4506 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(112, 146, 169) }
```


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

```
.border{ border-color:rgb(112, 146, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 146, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 146, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 146, 169);  
box-shadow:4px 4px 4px 4px rgb(112, 146,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1224, 26.8671, 41.4506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 146, 169) }
```

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

```
.background{ background-color: rgb(112,  
146, 169) }
```

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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