

Converting Colors

XYZ(24.9230, 29.2238, 42.4361)

Have a look what the booklet for
XYZ(24.9230, 29.2238, 42.4361)
contains.

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Color

**XYZ(24.8747, 29.1393,
42.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9AAA
RGB	107, 154, 170
RGB Percent	42%, 60%, 67%
CMY	0.5804, 0.3961, 0.3333
CMYK	0.37, 0.09, 0.00, 0.33
HSL	195°, 27%, 54%
HSV	195°, 37%, 67%
XYZ	24.8747, 29.1393, 42.3436
YIQ	141.7710, -33.1480, -4.9880

Conversions

Conversions Part 2

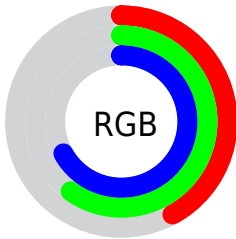
Format	Color
RYB	107, 134, 170
Decimal	7051946
CIELab	60.90, -11.66, -13.39
CIElCh	61, 17.756, 228.949
Yxy	29.1393, 0.2581, 0.3024
Android (android.graphics.Color)	4285242026 (0xFF6B9AAA)
YUV	141.7710, 13.9169, -30.4942
Hunter-Lab	53.9808, -12.2125, -8.7216

Details

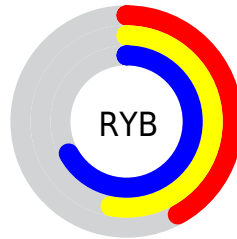
The XYZ color **24.8747, 29.1393, 42.3436** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3148, 23.7738, 17.1125**, and the grayscale version is **25.5776, 26.9096, 29.3046**.

A 20% lighter version of the original color is **50.8444, 58.1251, 79.7736**, and **9.6958, 11.8207, 18.9101** is the 20% darker color. If you saturate the color by 10%, you get **22.3288, 26.7887, 42.0246**, and if you desaturate by 10%, it is **27.8499, 31.7506, 42.6913**.

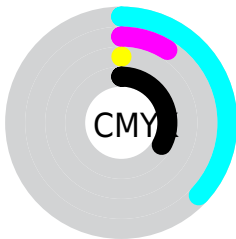
Distribution



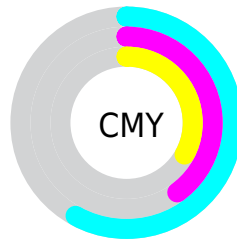
- Red (42%)
- Green (60%)
- Blue (67%)



- Red (42%)
- Yellow (53%)
- Blue (67%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8747, 29.1393, 42.3436 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 24.8747, 29.1393, 42.3436 by changing the saturation by 10% instead.

■ 24.8747, 29.1393,
42.3436

■ 24.8747, 29.1393,
42.3436

269.5725,
297.8716, 371.7469

■ 16.1120, 19.1862,
29.0429

■ 50.8982, 58.2983,
79.9951

■ 9.6948, 11.8049,
18.8674

■ 68.8897, 78.2731,
105.1829

■ 5.2578, 6.6110,
11.3987

■ 90.6882, 102.3572,
135.1702

■ 2.4356, 3.2200,
6.2181

■ 116.6590,
130.9350, 170.3754

■ 0.8629, 1.2477,
2.9072

147.1675,
164.3910, 211.2171

■ 0.0000, 0.1001,
1.0475

182.5790,

■ 0.0000, 0.0000,

203.1095, 258.1140

0.0000

223.2589,
247.4749, 311.4844

■ 24.8747, 29.1393,
42.3436

■ 24.8747, 29.1393,
42.3436

■ 22.3288, 26.7887,
42.0246

■ 27.8499, 31.7506,
42.6913

■ 20.1855, 24.6826,
41.7310

■ 31.2736, 34.6310,
43.0668

■ 18.4193, 22.8081,
41.4623

■ 35.1672, 37.7924,
43.4718

■ 17.0006, 21.1496,
41.2170

■ 39.5499, 41.2450,
43.9073

■ 15.8947, 19.6889,
40.9933

■ 44.4395, 44.9987,
44.3741

■ 15.0507, 18.3992,
40.7888

■ 49.8534, 49.0624,
44.8731

■ 14.8232, 18.0372,
40.7310

■ 55.8076, 53.4451,
45.4052

■ 62.3178, 58.1550,
45.9712

■ 67.5341, 62.2389,
46.4846

Harmonies

Analogous

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



23.6962, 29.1393, 36.0494



24.8747, 29.1393, 42.3436



26.8516, 29.1393, 45.9542

Triad

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



24.8747, 29.1393, 42.3436



32.2979, 29.1393, 34.2344



26.2758, 29.1393, 21.1344

Complementary

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



24.8747, 29.1393, 42.3436



26.3148, 23.7738, 17.1125

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.



28.5580, 29.1393, 20.7898



24.8747, 29.1393, 42.3436



32.1224, 29.1393, 27.7661

Square

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



24.8747, 29.1393, 42.3436



31.1898, 29.1393, 40.8567



30.7230, 29.1393, 23.0534



24.4734, 29.1393, 24.0713

Rectangle

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



24.8747, 29.1393, 42.3436



28.3941, 29.1393, 46.0583



30.7230, 29.1393, 23.0534



27.0095, 29.1393, 20.7286

Sweetspot

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



24.8756, 29.1404, 42.3443



60.7748, 66.1306, 78.5632



23.9983, 33.2996, 23.8203



13.3463, 14.5796, 17.4984



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.



24.8756, 29.1404, 42.3443



41.4913, 49.5290, 76.3751



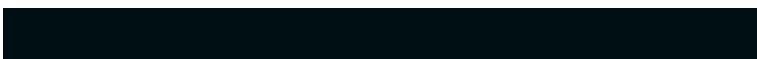
20.3718, 20.1328, 40.8430



7.5839, 8.2047, 9.6023



10.9502, 13.3607, 29.9772



0.3038, 0.3998, 0.7418

Inverse Universe

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



27.6687, 21.3953, 33.2445



47.4006, 34.0145, 56.9274



30.8289, 32.8020, 18.6172



7.7593, 7.6336, 9.0497



15.0278, 7.4198, 15.4897



0.3845, 0.1881, 0.4762

Previews

White Background



This preview shows how the XYZ color 24.8747, 29.1393, 42.3436 looks on a white background.

Color Contrast Check

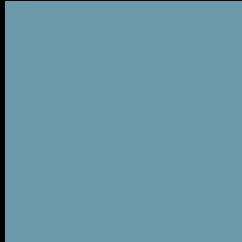
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8747, 29.1393, 42.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

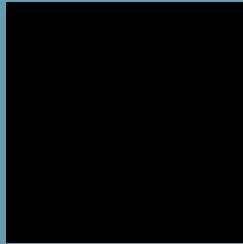
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8747, 29.1393, 42.3436

Background



This preview shows how black text looks on a background with the XYZ color 24.8747, 29.1393, 42.3436.



This preview shows how white text looks on a background with the XYZ color 24.8747, 29.1393,

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

24.8747, 29.1393, 42.3436

Protanopia

28.3278, 28.8604, 39.1995

Deuteranopia

29.4816, 28.9194, 43.0579



Tritanopia

24.6403, 29.2969, 40.9154

Trichromacy



Original Color

24.8747, 29.1393, 42.3436

Protanomaly

26.8329, 28.7583, 40.2130

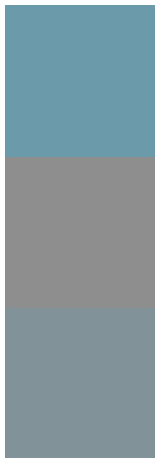
Deuteranomaly

27.4573, 28.7943, 42.6388

Tritanomaly

24.7331, 29.3340, 41.4042

Monochromacy



Original Color

24.8747, 29.1393, 42.3436

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.9996, 27.4919, 33.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8747, 29.1393, 42.3436 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, 154, 170)` looks like.

```
.text, #text, p{  
    color:rgb(107, 154, 170)  
}
```

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, 154, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 154, 170) }
```

Border

The CSS property to change the border of an element to XYZ 24.8747, 29.1393, 42.3436 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, 154, 170) }
```


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

```
.border{ border-color:rgb(107, 154, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 154, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 154, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 154, 170);  
box-shadow:4px 4px 4px 4px rgb(107, 154,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8747, 29.1393, 42.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 154, 170) }
```

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

```
.background{ background-color: rgb(107,  
154, 170) }
```

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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