

Converting Colors

XYZ(25.9563, 30.3789, 46.0463)

Have a look what the booklet for
XYZ(25.9563, 30.3789, 46.0463)
contains.

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Color

**XYZ(25.9366, 30.3524,
46.0866)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9DB1
RGB	106, 157, 177
RGB Percent	42%, 62%, 69%
CMY	0.5843, 0.3843, 0.3059
CMYK	0.40, 0.11, 0.00, 0.31
HSL	197°, 31%, 55%
HSV	197°, 40%, 69%
XYZ	25.9366, 30.3524, 46.0866
YIQ	144.0310, -36.8160, -4.5920

Conversions

Conversions Part 2

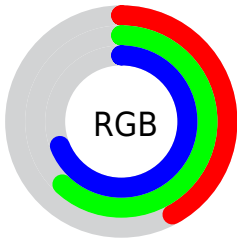
Format	Color
RYB	106, 136, 177
Decimal	6987185
CIELab	61.96, -11.71, -15.76
CIElCh	62, 19.632, 233.377
Yxy	30.3524, 0.2533, 0.2965
Android (android.graphics.Color)	4285177265 (0xFF6A9DB1)
YUV	144.0310, 16.2537, -33.3532
Hunter-Lab	55.0930, -12.3788, -11.0324

Details

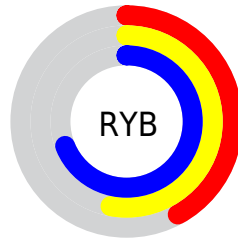
The XYZ color **25.9366, 30.3524, 46.0866** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.1944, 25.3099, 17.0357**, and the grayscale version is **26.4697, 27.8482, 30.3267**.

A 20% lighter version of the original color is **52.7487, 60.4437, 85.9775**, and **10.2603, 12.5202, 20.9446** is the 20% darker color. If you saturate the color by 10%, you get **23.2201, 27.7259, 45.7233**, and if you desaturate by 10%, it is **29.1235, 33.2739, 46.4831**.

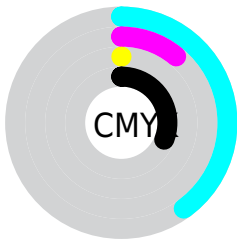
Distribution



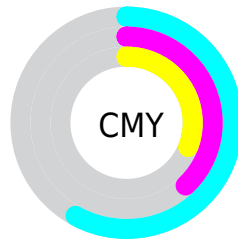
- Red (42%)
- Green (62%)
- Blue (69%)



- Red (42%)
- Yellow (53%)
- Blue (69%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (58%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9366, 30.3524, 46.0866 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 25.9366, 30.3524, 46.0866 by changing the saturation by 10% instead.

■ 25.9366, 30.3524,
46.0866

■ 25.9366, 30.3524,
46.0866

274.7331,
303.5436, 387.4444

■ 16.9086, 20.1062,
31.9650

■ 52.6047, 60.2190,
85.6842

■ 10.2643, 12.4723,
21.0702

■ 70.9755, 80.6083,
111.9974

■ 5.6381, 7.0662,
12.9836

■ 93.1914, 105.1473,
143.2114

■ 2.6649, 3.5035,
7.2866

■ 119.6176,
134.2206, 179.7449

■ 0.9791, 1.3999,
3.5608

150.6195,
168.2125, 222.0164

■ 0.0000, 0.2167,
1.3877

186.5625,

■ 0.0000, 0.0000,

207.5073, 270.4445

0.1321

227.8119,
252.4896, 325.4476

■ 0.0000, 0.0000,
0.0000

■ 25.9366, 30.3524,
46.0866

■ 25.9366, 30.3524,
46.0866

■ 23.2201, 27.7259,
45.7233

■ 29.1235, 33.2739,
46.4831

■ 20.9440, 25.3762,
45.3898

■ 32.8030, 36.5004,
46.9119

■ 19.0788, 23.2882,
45.0851

■ 36.9993, 40.0456,
47.3750

■ 17.5902, 21.4437,
44.8075

■ 41.7339, 43.9211,
47.8735

■ 16.4375, 19.8209,
44.5550

■ 47.0273, 48.1381,
48.4085

■ 15.5440, 18.3905,
44.3260

■ 52.8986, 52.7070,
48.9809

■ 59.3663, 57.6378,
49.5918

■ 66.4478, 62.9401,
50.2420

■ 70.2668, 66.6162,
50.7503

Harmonies

Analogous

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



24.4522, 30.3524, 39.1340



25.9366, 30.3524, 46.0866



28.2698, 30.3524, 49.6210

Triad

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



25.9366, 30.3524, 46.0866



34.1688, 30.3524, 34.7470



26.8889, 30.3524, 21.4587

Complementary

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



25.9366, 30.3524, 46.0866



28.1944, 25.3099, 17.0357

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.



29.4361, 30.3524, 20.6501



25.9366, 30.3524, 46.0866



33.7437, 30.3524, 27.6292

Square

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



25.9366, 30.3524, 46.0866



33.1005, 30.3524, 42.4618



31.9717, 30.3524, 22.7355



24.9782, 30.3524, 25.1408

Rectangle

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



25.9366, 30.3524, 46.0866



30.0348, 30.3524, 49.2336



31.9717, 30.3524, 22.7355



27.6949, 30.3524, 20.8674

Sweetspot

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



25.9375, 30.3536, 46.0873



64.6121, 70.3421, 84.6673



25.3641, 35.9881, 24.9901



13.7916, 15.0675, 18.3257



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.9375, 30.3536, 46.0873



42.1692, 50.2349, 81.9691



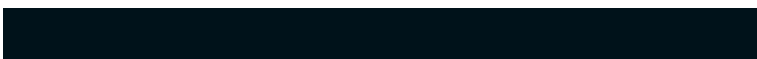
20.9097, 20.2979, 44.4114



8.5363, 9.2189, 10.8358



11.3153, 13.4310, 32.1331



0.4024, 0.5153, 1.0265

Inverse Universe

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



29.3721, 22.0903, 34.6153



49.3577, 34.1141, 57.6945



33.3797, 35.6805, 18.7642



8.7459, 8.6051, 10.1604



15.9461, 7.8960, 15.4081



0.5251, 0.2578, 0.6081

Previews

White Background



This preview shows how the XYZ color 25.9366, 30.3524, 46.0866 looks on a white background.

Color Contrast Check

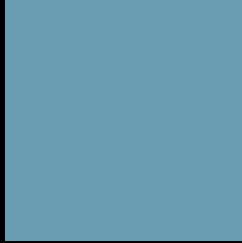
Large Text (above 18pt) WCAG AA × Fail

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 25.9366, 30.3524, 46.0866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

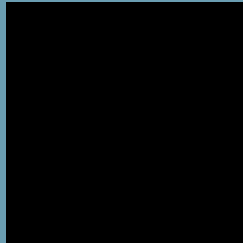
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9366, 30.3524, 46.0866

Background



This preview shows how black text looks on a background with the XYZ color 25.9366, 30.3524, 46.0866.



This preview shows how white text looks on a background with the XYZ color 25.9366, 30.3524,

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

25.9366, 30.3524, 46.0866

Protanopia

29.6176, 30.1398, 42.7846

Deuteranopia

30.8100, 30.2020, 46.8535



Tritanopia

25.2865, 30.3371, 43.0510

Trichromacy



Original Color

25.9366, 30.3524, 46.0866

Protanomaly

27.9695, 29.9756, 43.8469

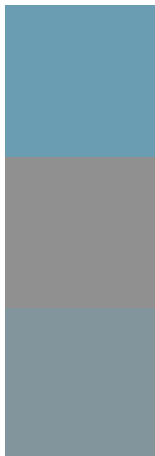
Deuteranomaly

28.6151, 30.0136, 46.4045

Tritanomaly

25.5954, 30.4741, 44.0682

Monochromacy



Original Color

25.9366, 30.3524, 46.0866

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9541, 28.6410, 35.6128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9366, 30.3524, 46.0866 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(106, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(106, 157, 177)  
}
```

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(106, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 157, 177) }
```

Border

The CSS property to change the border of an element to XYZ 25.9366, 30.3524, 46.0866 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(106, 157, 177) }
```


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

```
.border{ border-color:rgb(106, 157, 177) }
```

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

Here you see how a box with a 4 pixel rgb(106, 157, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(106, 157,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9366, 30.3524, 46.0866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 157, 177) }
```

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

```
.background{ background-color: rgb(106,  
157, 177) }
```

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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