

Converting Colors

XYZ(24.6004, 30.7423, 51.1945)

Have a look what the booklet for
XYZ(24.6004, 30.7423, 51.1945)
contains.

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Color

**XYZ(24.6073, 30.8417,
51.1105)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA2BA
RGB	74, 162, 186
RGB Percent	29%, 64%, 73%
CMY	0.7098, 0.3647, 0.2706
CMYK	0.60, 0.13, 0.00, 0.27
HSL	193°, 45%, 51%
HSV	193°, 60%, 73%
XYZ	24.6073, 30.8417, 51.1105
YIQ	138.4240, -60.1520, -11.1920

Conversions

Conversions Part 2

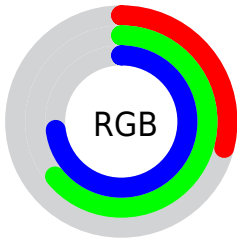
Format	Color
RYB	74, 123, 186
Decimal	4891322
CIELab	62.37, -19.15, -20.31
CIElCh	62, 27.909, 226.687
Yxy	30.8417, 0.2309, 0.2894
Android (android.graphics.Color)	4283081402 (0xFF4AA2BA)
YUV	138.4240, 23.4550, -56.4998
Hunter-Lab	55.5353, -18.0947, -15.6913

Details

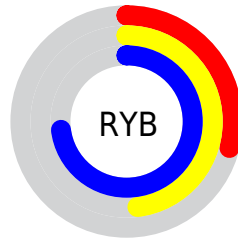
The XYZ color **24.6073, 30.8417, 51.1105** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8542, 19.6699, 8.9135**, and the grayscale version is **24.2500, 25.5129, 27.7836**.

A 20% lighter version of the original color is **50.5127, 61.0231, 93.1207**, and **9.8096, 12.8453, 24.1527** is the 20% darker color. If you saturate the color by 10%, you get **22.6906, 28.8284, 50.8235**, and if you desaturate by 10%, it is **26.9715, 33.1200, 51.4262**.

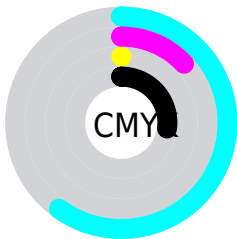
Distribution



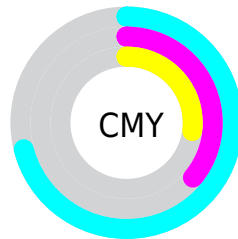
- Red (29%)
- Green (64%)
- Blue (73%)



- Red (29%)
- Yellow (48%)
- Blue (73%)



- Cyan (60%)
- Magenta (13%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6073, 30.8417, 51.1105 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 24.6073, 30.8417, 51.1105 by changing the saturation by 10% instead.

■ 24.6073, 30.8417,
51.1105

■ 24.6073, 30.8417,
51.1105

■ 268.2604,
305.8084, 407.8518

■ 15.9119, 20.4783,
35.9192

■ 50.4669, 60.9908,
93.2313

■ 9.5523, 12.7432,
24.0826

■ 68.3619, 81.5452,
120.9978

■ 5.1631, 7.2520,
15.1821

■ 90.0540, 106.2656,
153.7932

■ 2.3790, 3.6202,
8.7993

■ 115.9087,
135.5361, 192.0360

■ 0.8346, 1.4634,
4.5155

■ 146.2914,
169.7412, 236.1447

■ 0.0000, 0.2628,
1.9122

181.5673,

■ 0.0000, 0.0000,

209.2654, 286.5379

0.5005

222.1019,
254.4930, 343.6340

■ 0.0000, 0.0000,
0.0000

■ 24.6073, 30.8417,
51.1105

■ 24.6073, 30.8417,
51.1105

■ 22.6906, 28.8284,
50.8235

■ 26.9715, 33.1200,
51.4262

■ 21.1798, 27.0565,
50.5611

■ 29.8143, 35.6777,
51.7701

■ 20.0300, 25.5030,
50.3219

■ 33.1674, 38.5322,
52.1443

■ 19.1642, 24.1476,
50.1059

■ 37.0588, 41.6980,
52.5503

■ 41.5145, 45.1889,
52.9893

■ 46.5585, 49.0177,
53.4624

■ 52.2137, 53.1963,
53.9709

■ 58.5017, 57.7361,
54.5158

■ 65.4428, 62.6479,
55.0980

Harmonies

Analogous

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



22.8909, 30.8417, 39.9175



24.6073, 30.8417, 51.1105



27.6727, 30.8417, 58.1720

Triad

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



24.6073, 30.8417, 51.1105



36.9679, 30.8417, 38.6042



27.2770, 30.8417, 17.3333

Complementary

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



24.6073, 30.8417, 51.1105



25.8542, 19.6699, 8.9135

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.



31.0191, 30.8417, 17.1300



24.6073, 30.8417, 51.1105



36.8388, 30.8417, 27.9539

Square

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



24.6073, 30.8417, 51.1105



34.9247, 30.8417, 49.9728



34.5858, 30.8417, 20.6027



24.3391, 30.8417, 21.2346

Rectangle

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



24.6073, 30.8417, 51.1105



30.1683, 30.8417, 58.7765



34.5858, 30.8417, 20.6027



28.4762, 30.8417, 16.8648

Sweetspot

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



24.6083, 30.8428, 51.1112



68.6361, 76.7442, 95.3970



22.5136, 37.4263, 17.2017



14.6244, 16.5098, 20.9585



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.



24.6083, 30.8428, 51.1112



40.2381, 51.2516, 91.9732



17.0084, 15.6431, 48.5780



9.0990, 9.8751, 11.5060



12.9491, 16.3579, 33.7280



0.4979, 0.6594, 1.2028

Inverse Universe

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



29.2209, 17.9463, 36.1075



49.7650, 27.4370, 60.3515



32.7798, 33.5211, 11.2221



9.2963, 9.1289, 10.9077



17.1498, 8.4337, 19.2074



0.6255, 0.3057, 0.7871

Previews

White Background



This preview shows how the XYZ color 24.6073, 30.8417, 51.1105 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 24.6073, 30.8417, 51.1105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

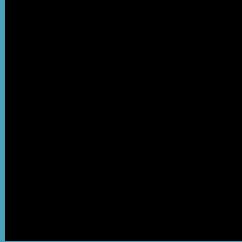
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.6073, 30.8417, 51.1105

Background



This preview shows how black text looks on a background with the XYZ color 24.6073, 30.8417, 51.1105.



This preview shows how white text looks on a background with the XYZ color 24.6073, 30.8417,

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

24.6073, 30.8417, 51.1105

Protanopia

30.1849, 30.5985, 45.9102

Deuteranopia

31.1206, 30.4709, 52.3853



Tritanopia

23.7371, 31.0273, 46.3328

Trichromacy



Original Color

24.6073, 30.8417, 51.1105

Protanomaly

27.4016, 30.3284, 47.5898

Deuteranomaly

27.9131, 30.0093, 51.8981

Tritanomaly

23.9339, 30.8293, 47.8692

Monochromacy



Original Color

24.6073, 30.8417, 51.1105

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.4203, 26.8788, 34.9641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6073, 30.8417, 51.1105 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(74, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(74, 162, 186)  
}
```

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(74, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 162, 186) }
```

Border

The CSS property to change the border of an element to XYZ 24.6073, 30.8417, 51.1105 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(74, 162, 186) }
```


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

```
.border{ border-color:rgb(74, 162, 186) }
```

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

Here you see how a box with a 4 pixel rgb(74, 162, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 162, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 162, 186);  
box-shadow:4px 4px 4px 4px rgb(74, 162,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6073, 30.8417, 51.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 162, 186) }
```

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

```
.background{ background-color: rgb(74, 162,  
186) }
```

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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