

Converting Colors

XYZ(23.9642, 28.1949, 47.3597)

Have a look what the booklet for
XYZ(23.9642, 28.1949, 47.3597)
contains.

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Color

**XYZ(24.0431, 28.3531,
47.3855)**

Conversions

Conversions Part 1

Format	Color
Hex	5C99B4
RGB	92, 153, 180
RGB Percent	36%, 60%, 71%
CMY	0.6392, 0.4000, 0.2941
CMYK	0.49, 0.15, 0.00, 0.29
HSL	198°, 37%, 53%
HSV	198°, 49%, 71%
XYZ	24.0431, 28.3531, 47.3855
YIQ	137.8390, -45.0230, -4.5350

Conversions

Conversions Part 2

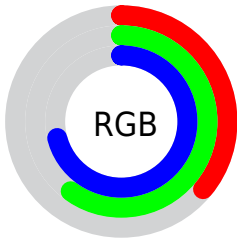
Format	Color
R_{YB}	92, 128, 180
Decimal	6068660
CIE _{Lab}	60.21, -12.26, -20.17
CIE _{LCh}	60, 23.604, 238.716
Yxy	28.3531, 0.2410, 0.2842
Android (android.graphics.Color)	4284258740 (0xFF5C99B4)
YUV	137.8390, 20.7854, -40.2008
Hunter-Lab	53.2476, -12.5846, -15.4893

Details

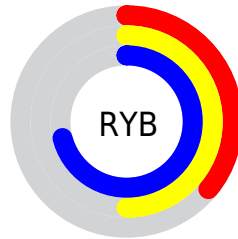
The XYZ color **24.0431, 28.3531, 47.3855** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **27.3517, 23.6704, 13.2534**, and the grayscale version is **24.0326, 25.2841, 27.5344**.

A 20% lighter version of the original color is **49.4858, 56.8848, 87.7286**, and **9.2418, 11.3751, 21.7872** is the 20% darker color. If you saturate the color by 10%, you get **21.5712, 25.7684, 47.0174**, and if you desaturate by 10%, it is **26.9859, 31.2439, 47.7889**.

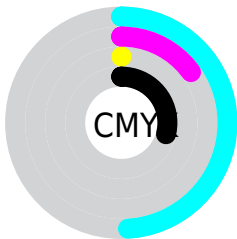
Distribution



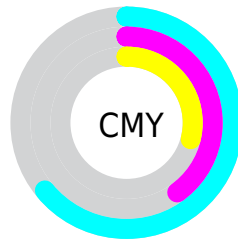
- Red (36%)
- Green (60%)
- Blue (71%)



- Red (36%)
- Yellow (50%)
- Blue (71%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0431, 28.3531, 47.3855 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 24.0431, 28.3531, 47.3855 by changing the saturation by 10% instead.

■ 24.0431, 28.3531,
47.3855

■ 24.0431, 28.3531,
47.3855

265.4747,
294.1503, 392.7894

■ 15.4905, 18.5920,
32.9840

■ 49.5547, 57.0477,
87.6448

■ 9.2529, 11.3758,
21.8432

■ 67.2444, 76.7500,
114.3396

■ 4.9649, 6.3202,
13.5445

■ 88.7105, 100.5348,
145.9693

■ 2.2612, 3.0408,
7.6694

■ 114.3184,
128.7865, 182.9524

■ 0.7747, 1.1531,
3.7994

144.4334,
161.8895, 225.7074

■ 0.0000, 0.0229,
1.5160

179.4209,

■ 0.0000, 0.0000,

200.2282, 274.6529

0.2298

219.6462,
244.1870, 330.2074

■ 0.0000, 0.0000,
0.0000

■ 24.0431, 28.3531,
47.3855

■ 24.0431, 28.3531,
47.3855

■ 21.5712, 25.7684,
47.0174

■ 26.9859, 31.2439,
47.7889

■ 19.5361, 23.4695,
46.6809

■ 30.4251, 34.4529,
48.2270

■ 17.9033, 21.4385,
46.3750

■ 34.3875, 37.9954,
48.7020

■ 16.6314, 19.6531,
46.0974

■ 38.8971, 41.8845,
49.2149

■ 15.6464, 18.0743,
45.8446

■ 43.9766, 46.1326,
49.7672

■ 15.5435, 17.9056,
45.8174

■ 49.6470, 50.7514,
50.3598

■ 55.9284, 55.7520,
50.9940

■ 62.8399, 61.1449,
51.6706

■ 70.3997, 66.9402,
52.3908

Harmonies

Analogous

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



22.1680, 28.3531, 39.5756



24.0431, 28.3531, 47.3855



26.8188, 28.3531, 50.6722

Triad

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



24.0431, 28.3531, 47.3855



33.1842, 28.3531, 31.2462



24.2527, 28.3531, 18.4580

Complementary

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



24.0431, 28.3531, 47.3855



27.3517, 23.6704, 13.2534

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.



27.0792, 28.3531, 17.0463



24.0431, 28.3531, 47.3855



32.3717, 28.3531, 23.5478

Square

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



24.0431, 28.3531, 47.3855



32.2248, 28.3531, 40.3428



30.0796, 28.3531, 18.7240



22.2825, 28.3531, 23.0126

Rectangle

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



24.0431, 28.3531, 47.3855



28.8562, 28.3531, 49.4636



30.0796, 28.3531, 18.7240



25.1273, 28.3531, 17.6425

Sweetspot

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



24.0440, 28.3542, 47.3862



65.2026, 71.3790, 88.6356



24.0295, 36.2360, 22.9932



13.7371, 15.1184, 19.1164



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.0440, 28.3542, 47.3862



38.6600, 46.2298, 85.1802



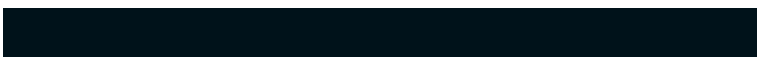
18.1856, 16.6373, 45.4334



8.5183, 9.1827, 10.8298



10.9098, 12.6200, 31.9979



0.3920, 0.4946, 1.0230

Inverse Universe

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



28.4001, 19.6584, 32.4357



47.8581, 29.8056, 53.1773



33.7457, 36.4586, 15.3847



8.7368, 8.6014, 10.1123



15.7414, 7.8141, 14.3301



0.5199, 0.2557, 0.5804

Previews

White Background



This preview shows how the XYZ color 24.0431, 28.3531, 47.3855 looks on a white background.

Color Contrast Check

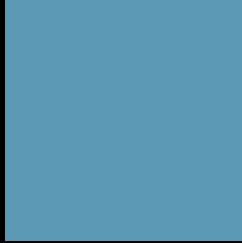
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0431, 28.3531, 47.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

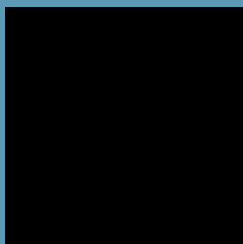
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

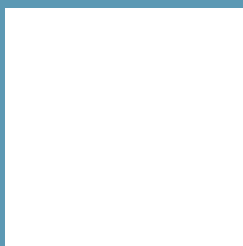
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0431, 28.3531, 47.3855

Background



This preview shows how black text looks on a background with the XYZ color 24.0431, 28.3531, 47.3855.



This preview shows how white text looks on a background with the XYZ color 24.0431, 28.3531,

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

24.0431, 28.3531, 47.3855

Protanopia

27.8465, 28.0653, 43.4846

Deuteranopia

28.7640, 28.2124, 48.1855



Tritanopia

22.8137, 28.3445, 41.3144

Trichromacy



Original Color

24.0431, 28.3531, 47.3855

Protanomaly

26.1553, 28.0670, 45.1132

Deuteranomaly

26.6454, 28.0315, 47.7223

Tritanomaly

23.1218, 28.2136, 43.2568

Monochromacy



Original Color

24.0431, 28.3531, 47.3855

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.4574, 26.0098, 33.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0431, 28.3531, 47.3855 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(92, 153, 180)` looks like.

```
.text, #text, p{  
    color:rgb(92, 153, 180)  
}
```

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(92, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 153, 180) }
```

Border

The CSS property to change the border of an element to XYZ 24.0431, 28.3531, 47.3855 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(92, 153, 180) }
```


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

```
.border{ border-color:rgb(92, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(92, 153,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0431, 28.3531, 47.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 153, 180) }
```

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

```
.background{ background-color: rgb(92, 153,  
180) }
```

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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