

Converting Colors

XYZ(24.1749, 28.9868, 47.3195)

Have a look what the booklet for
XYZ(24.1749, 28.9868, 47.3195)
contains.

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Color

**XYZ(24.1760, 28.9116,
47.4863)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9BB4
RGB	90, 155, 180
RGB Percent	35%, 61%, 71%
CMY	0.6470, 0.3921, 0.2941
CMYK	0.50, 0.14, 0.00, 0.29
HSL	197°, 37%, 53%
HSV	197°, 50%, 71%
XYZ	24.1760, 28.9116, 47.4863
YIQ	138.4150, -46.7650, -6.0050

Conversions

Conversions Part 2

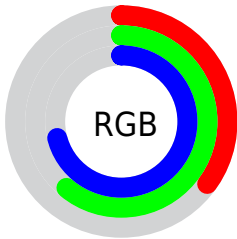
Format	Color
R_{YB}	90, 128, 180
Decimal	5938100
CIE _{Lab}	60.70, -13.82, -19.42
CIE _{LCh}	61, 23.837, 234.569
Yxy	28.9116, 0.2404, 0.2875
Android (android.graphics.Color)	4284128180 (0xFF5A9BB4)
YUV	138.4150, 20.5014, -42.4600
Hunter-Lab	53.7695, -13.8390, -14.7230

Details

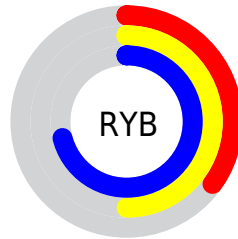
The XYZ color **24.1760, 28.9116, 47.4863** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.7993, 22.7038, 12.6436**, and the grayscale version is **24.2537, 25.5168, 27.7877**.

A 20% lighter version of the original color is **49.6178, 57.6768, 87.8745**, and **9.3462, 11.7242, 21.8491** is the 20% darker color. If you saturate the color by 10%, you get **21.8179, 26.4867, 47.1431**, and if you desaturate by 10%, it is **26.9944, 31.6262, 47.8622**.

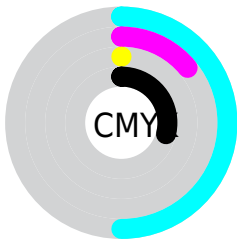
Distribution



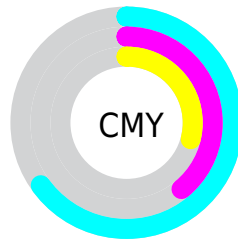
- Red (35%)
- Green (61%)
- Blue (71%)



- Red (35%)
- Yellow (50%)
- Blue (71%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1760, 28.9116, 47.4863 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 24.1760, 28.9116, 47.4863 by changing the saturation by 10% instead.

■ 24.1760, 28.9116,
47.4863

■ 24.1760, 28.9116,
47.4863

266.1331,
296.7976, 393.2021

■ 15.5897, 19.0140,
33.0632

■ 49.7698, 57.9366,
87.7966

■ 9.3233, 11.6804,
21.9033

■ 67.5081, 77.8328,
114.5209

■ 5.0114, 6.5264,
13.5882

■ 89.0276, 101.8305,
146.1826

■ 2.2888, 3.1677,
7.6994

■ 114.6939,
130.3143, 183.2004

■ 0.7889, 1.2199,
3.8182

144.8722,
163.6686, 225.9927

■ 0.0000, 0.0779,
1.5261

179.9279,

■ 0.0000, 0.0000,

202.2776, 274.9780

0.2373

220.2264,
246.5258, 330.5750

■ 0.0000, 0.0000,
0.0000

■ 24.1760, 28.9116,
47.4863

■ 24.1760, 28.9116,
47.4863

■ 21.8179, 26.4867,
47.1431

■ 26.9944, 31.6262,
47.8622

■ 19.8856, 24.3313,
46.8289

■ 30.2987, 34.6424,
48.2703

■ 18.3445, 22.4274,
46.5426

■ 34.1158, 37.9753,
48.7124

■ 17.1522, 20.7527,
46.2822

■ 38.4699, 41.6380,
49.1899

■ 16.2214, 19.2614,
46.0434

■ 43.3835, 45.6425,
49.7039

■ 16.2212, 19.2611,
46.0434

■ 48.8777, 50.0005,
50.2555

■ 54.9725, 54.7227,
50.8457

■ 61.6871, 59.8196,
51.4756

■ 69.0397, 65.3011,
52.1461

Harmonies

Analogous

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



22.4208, 28.9116, 39.1011



24.1760, 28.9116, 47.4863



26.9209, 28.9116, 51.6479

Triad

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



24.1760, 28.9116, 47.4863



33.8314, 28.9116, 33.1185



25.0817, 28.9116, 18.3980

Complementary

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



24.1760, 28.9116, 47.4863



26.7993, 22.7038, 12.6436

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.



28.0460, 28.9116, 17.3930



24.1760, 28.9116, 47.4863



33.2472, 28.9116, 24.9194

Square

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



24.1760, 28.9116, 47.4863



32.6126, 28.9116, 42.4148



31.0712, 28.9116, 19.5473



22.9156, 28.9116, 22.6070

Rectangle

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



24.1760, 28.9116, 47.4863



29.0020, 28.9116, 50.9955



31.0712, 28.9116, 19.5473



26.0115, 28.9116, 17.7120

Sweetspot

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



24.1769, 28.9127, 47.4870



65.4778, 71.9293, 88.7273



23.5758, 36.0318, 21.6328



13.8041, 15.2524, 19.1387



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.



24.1769, 28.9127, 47.4870



39.1649, 47.6013, 85.4184



18.1400, 16.8388, 45.4747



8.5391, 9.2245, 10.8368



11.3799, 13.5602, 32.1546



0.4040, 0.5186, 1.0270

Inverse Universe

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



28.3957, 19.3831, 33.2561



48.0246, 29.5340, 55.0966



33.0667, 35.2385, 14.7327



8.7473, 8.6056, 10.1678



15.9787, 7.9090, 15.5797



0.5260, 0.2581, 0.6124

Previews

White Background



This preview shows how the XYZ color 24.1760, 28.9116, 47.4863 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 24.1760, 28.9116, 47.4863 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

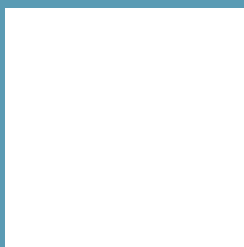
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1760, 28.9116, 47.4863

Background



This preview shows how black text looks on a background with the XYZ color 24.1760, 28.9116, 47.4863.



This preview shows how white text looks on a background with the XYZ color 24.1760, 28.9116,

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

24.1760, 28.9116, 47.4863

Protanopia

28.3313, 28.5391, 43.5505

Deuteranopia

29.3542, 28.7265, 48.7974



Tritanopia

23.0562, 28.9569, 41.9102

Trichromacy



Original Color

24.1760, 28.9116, 47.4863

Protanomaly

26.4524, 28.4520, 45.1719

Deuteranomaly

26.9033, 28.3824, 48.3164

Tritanomaly

23.3618, 28.8203, 43.8667

Monochromacy



Original Color

24.1760, 28.9116, 47.4863

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6082, 26.3114, 33.9713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1760, 28.9116, 47.4863 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(90, 155, 180)` looks like.

```
.text, #text, p{  
    color:rgb(90, 155, 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(90, 155, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 155, 180) }
```

Border

The CSS property to change the border of an element to XYZ 24.1760, 28.9116, 47.4863 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(90, 155, 180) }
```


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

```
.border{ border-color:rgb(90, 155, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 155, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 155, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 155, 180);  
box-shadow:4px 4px 4px 4px rgb(90, 155,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1760, 28.9116, 47.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 155, 180) }
```

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

```
.background{ background-color: rgb(90, 155,  
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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