

Converting Colors

XYZ(18.4602, 24.7580, 10.4489)

Have a look what the booklet for
XYZ(18.4602, 24.7580, 10.4489)
contains.

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Color

**XYZ(18.5138, 24.8861,
10.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	71934B
RGB	113, 147, 75
RGB Percent	44%, 58%, 29%
CMY	0.5569, 0.4235, 0.7059
CMYK	0.23, 0.00, 0.49, 0.42
HSL	88°, 32%, 44%
HSV	88°, 49%, 58%
XYZ	18.5138, 24.8861, 10.4843
YIQ	128.6260, 2.8480, -29.6000

Conversions

Conversions Part 2

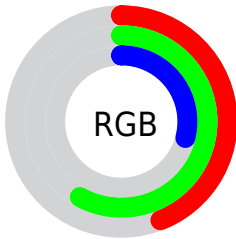
Format	Color
R_{YB}	75, 147, 109
Decimal	7443275
CIE _{Lab}	56.96, -24.66, 34.13
CIE _{LCh}	57, 42.109, 125.851
Yxy	24.8861, 0.3436, 0.4618
Android (android.graphics.Color)	4285633355 (0xFF71934B)
YUV	128.6260, -26.4376, -13.7040
Hunter-Lab	49.8860, -21.0551, 22.4595

Details

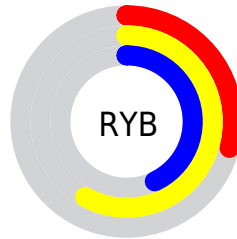
The XYZ color **18.5138, 24.8861, 10.4843** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.0901, 10.3906, 28.8680**, and the grayscale version is **20.8248, 21.9093, 23.8592**.

A 20% lighter version of the original color is **40.3142, 51.3609, 27.1909**, and **6.4306, 9.5016, 2.5320** is the 20% darker color. If you saturate the color by 10%, you get **17.2086, 24.2656, 8.0936**, and if you desaturate by 10%, it is **20.0048, 25.5905, 13.4916**.

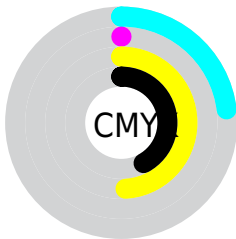
Distribution



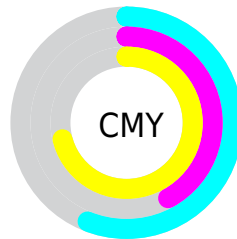
- Red (44%)
- Green (58%)
- Blue (29%)



- Red (29%)
- Yellow (58%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (49%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5138, 24.8861, 10.4843 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 18.5138, 24.8861, 10.4843 by changing the saturation by 10% instead.

■ 18.5138, 24.8861,
10.4843

■ 18.5138, 24.8861,
10.4843

236.7413,
277.2702, 204.7033

■ 11.4214, 15.9922,
5.6114

■ 40.4342, 51.4724,
27.3244

■ 6.4204, 9.5186,
2.5454

■ 55.9928, 69.9336,
40.1288

■ 3.1454, 5.0810,
0.8640

■ 75.1043, 92.3527,
56.4141

■ 1.2311, 2.2949,
0.0000

■ 98.1340, 119.1140,
76.5989

■ 0.1307, 0.7710,
0.0000

■ 125.4471,
150.6021, 101.1016

■ 0.0000, 0.0000,
0.0000

157.4092,

187.2012, 130.3409

194.3855,
229.2958, 164.7353

■ 18.5138, 24.8861,
10.4843

■ 18.5138, 24.8861,
10.4843

■ 17.2086, 24.2656,
8.0936

■ 20.0048, 25.5905,
13.4916

■ 16.0778, 23.7217,
6.2751

■ 21.6887, 26.3793,
17.1527

■ 15.1113, 23.2511,
4.9810


■ 23.5742, 27.2569,
21.5038


■ 14.2966, 22.8486,
4.1548


■ 25.6689, 28.2267,
26.5777


■ 13.6081, 22.5037,
3.6695


■ 27.9801, 29.2915,
32.4055

 13.5419, 22.4705,
3.6235

 30.5146, 30.4544,
39.0161

 33.2788, 31.7180,
46.4372

 36.2790, 33.0851,
54.6949

 39.5212, 34.5580,
63.8143

Harmonies

Analogous

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



22.6980, 24.8861, 8.0411



18.5138, 24.8861, 10.4843



15.9999, 24.8861, 17.4197

Triad

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



18.5138, 24.8861, 10.4843



19.9756, 24.8861, 60.2819



34.4199, 24.8861, 24.4162

Complementary

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



18.5138, 24.8861, 10.4843



14.0901, 10.3906, 28.8680

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.



33.4255, 24.8861, 39.8226



18.5138, 24.8861, 10.4843



24.6354, 24.8861, 64.1794

Square

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



18.5138, 24.8861, 10.4843



16.7580, 24.8861, 46.3621



29.6659, 24.8861, 55.6769



32.2205, 24.8861, 14.0802

Rectangle

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



18.5138, 24.8861, 10.4843



15.3864, 24.8861, 25.1755



29.6659, 24.8861, 55.6769



34.4515, 24.8861, 29.1133

Sweetspot

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



18.5144, 24.8872, 10.4848



43.5490, 49.4292, 41.6907



18.7296, 17.5640, 9.0600



9.7810, 11.2093, 9.1329



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.5144, 24.8872, 10.4848



30.5504, 43.3268, 14.0383



14.7974, 22.9710, 10.3109



6.0042, 6.6100, 6.1999



11.7683, 19.4947, 3.1426



0.1781, 0.2562, 0.0401

Inverse Universe

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



14.0901, 10.3906, 28.8680



21.6541, 14.1615, 51.0267



19.3901, 13.1228, 29.1160



5.7443, 5.7592, 7.2786



6.7476, 2.9511, 24.1450



0.1162, 0.0534, 0.2971

Previews

White Background



This preview shows how the XYZ color 18.5138, 24.8861, 10.4843 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 18.5138, 24.8861, 10.4843 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 18.5138, 24.8861, 10.4843

Background



This preview shows how black text looks on a background with the XYZ color 18.5138, 24.8861, 10.4843.



This preview shows how white text looks on a background with the XYZ color 18.5138, 24.8861,

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

18.5138, 24.8861, 10.4843

Protanopia

22.5192, 24.5473, 9.5124

Deuteranopia

25.1198, 24.6368, 10.8286



Tritanopia

22.9060, 24.8782, 32.4489

Trichromacy



Original Color

18.5138, 24.8861, 10.4843

Protanomaly

20.8643, 24.5424, 9.7684

Deuteranomaly

22.2119, 24.3614, 10.7393

Tritanomaly

20.8559, 24.6980, 22.4069

Monochromacy



Original Color

18.5138, 24.8861, 10.4843

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.7329, 22.9234, 17.8526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5138, 24.8861, 10.4843 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(113, 147, 75)` looks like.

```
.text, #text, p{  
    color:rgb(113, 147, 75)  
}
```

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(113, 147, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 147, 75) }
```

Border

The CSS property to change the border of an element to XYZ 18.5138, 24.8861, 10.4843 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(113, 147, 75) }
```


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

```
.border{ border-color:rgb(113, 147, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 147, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 147, 75); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 147, 75); box-shadow:4px 4px 4px 4px rgb(113, 147, 75) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5138, 24.8861, 10.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 147, 75) }
```

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

```
.background{ background-color: rgb(113,  
147, 75) }
```

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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