

Converting Colors

XYZ(18.6102, 24.6481, 24.6714)

Have a look what the booklet for
XYZ(18.6102, 24.6481, 24.6714)
contains.

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Color

**XYZ(18.6126, 24.6261,
24.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9381
RGB	90, 147, 129
RGB Percent	35%, 58%, 51%
CMY	0.6471, 0.4235, 0.4941
CMYK	0.39, 0.00, 0.12, 0.42
HSL	161°, 24%, 46%
HSV	161°, 39%, 58%
XYZ	18.6126, 24.6261, 24.5412
YIQ	127.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

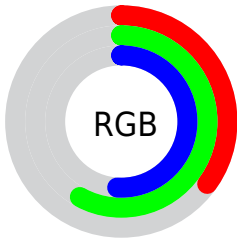
Format	Color
R_{YB}	90, 124, 147
Decimal	5936001
CIE _{Lab}	56.71, -23.05, 3.65
CIE _{LCh}	57, 23.336, 171.010
Yxy	24.6261, 0.2746, 0.3633
Android (android.graphics.Color)	4284126081 (0xFF5A9381)
YUV	127.9050, 0.5398, -33.2427
Hunter-Lab	49.6247, -19.8937, 5.4162

Details

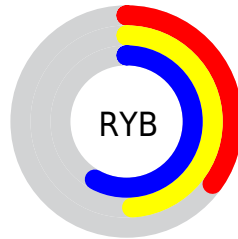
The XYZ color **18.6126, 24.6261, 24.5412** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.3964, 14.5987, 16.0365**, and the grayscale version is **20.4906, 21.5577, 23.4764**.

A 20% lighter version of the original color is **40.4855, 50.9015, 51.9471**, and **6.4675, 9.3763, 9.0583** is the 20% darker color. If you saturate the color by 10%, you get **17.0203, 23.8407, 22.8926**, and if you desaturate by 10%, it is **20.5032, 25.5649, 26.2781**.

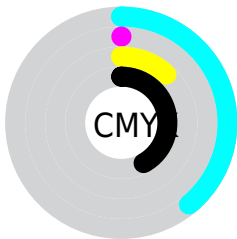
Distribution



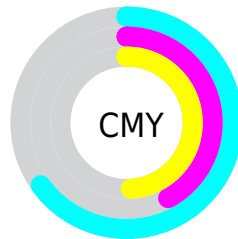
- Red (35%)
- Green (58%)
- Blue (51%)



- Red (35%)
- Yellow (49%)
- Blue (58%)



- Cyan (39%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)



- Cyan (65%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6126, 24.6261, 24.5412 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 18.6126, 24.6261, 24.5412 by changing the saturation by 10% instead.

■ 18.6126, 24.6261,
24.5412

■ 18.6126, 24.6261,
24.5412

237.2810,
275.9707, 288.9195

■ 11.4930, 15.7987,
15.5197

■ 40.6004, 51.0500,
51.8668

■ 6.4692, 9.3818,
9.0342

■ 56.1994, 69.4153,
71.0079

■ 3.1758, 4.9911,
4.6664

■ 75.3555, 91.7287,
94.3593

■ 1.2474, 2.2420,
1.9976

■ 98.4341, 118.3745,
122.3396

■ 0.1433, 0.7428,
0.5538

125.8006,
149.7373, 155.3671

■ 0.0000, 0.0000,
0.0000

157.8204,

186.2013, 193.8606

194.8587,
228.1510, 238.2386

■ 18.6126, 24.6261,
24.5412

■ 18.6126, 24.6261,
24.5412

■ 17.0203, 23.8407,
22.8926

■ 20.5032, 25.5649,
26.2781

■ 15.7071, 23.1970,
21.3287

■ 22.7054, 26.6621,
28.1031

■ 14.6552, 22.6864,
19.8484

■ 25.2345, 27.9261,
30.0186

■ 13.8433, 22.2980,
18.4495

■ 28.1040, 29.3639,
32.0260

■ 13.2470, 22.0192,
17.1300

■ 31.3267, 30.9821,
34.1267

■ 12.8128, 21.8224,
15.8863

■ 34.9145, 32.7868,
36.3223

■ 12.7625, 21.7997,
15.7388

■ 38.8790, 34.7840,
38.6142

■ 43.2313, 36.9793,
41.0036

■ 47.9817, 39.3781,
43.4920

Harmonies

Analogous

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



19.5731, 24.6261, 18.4526



18.6126, 24.6261, 24.5412



18.8569, 24.6261, 32.5486

Triad

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



18.6126, 24.6261, 24.5412



25.3314, 24.6261, 43.3619



26.8526, 24.6261, 16.7777

Complementary

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



18.6126, 24.6261, 24.5412



18.3964, 14.5987, 16.0365

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.



28.6344, 24.6261, 21.7953



18.6126, 24.6261, 24.5412



27.7100, 24.6261, 37.3816

Square

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



18.6126, 24.6261, 24.5412



22.5988, 24.6261, 44.4897



28.9598, 24.6261, 29.2222



24.2329, 24.6261, 14.5762

Rectangle

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



18.6126, 24.6261, 24.5412



19.6785, 24.6261, 37.8886



28.9598, 24.6261, 29.2222



27.5776, 24.6261, 18.1392

Sweetspot

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



18.6133, 24.6271, 24.5418



43.5497, 49.1893, 52.5477



18.4704, 24.7980, 13.4862



9.8211, 11.1687, 11.9050



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.



18.6133, 24.6271, 24.5418



30.6914, 42.7978, 41.2289



18.3655, 22.0448, 30.8921



5.8869, 6.5314, 7.0156



11.0754, 18.9030, 13.7047



0.1489, 0.2367, 0.2382

Inverse Universe

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



18.3964, 14.5987, 16.0365



30.2503, 22.0917, 23.7010



18.4793, 16.1428, 11.8151



5.8718, 5.8438, 6.4309



10.8767, 5.5557, 2.8318



0.1453, 0.0729, 0.0989

Previews

White Background



This preview shows how the XYZ color 18.6126, 24.6261, 24.5412 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 18.6126, 24.6261, 24.5412 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 18.6126, 24.6261, 24.5412

Background



This preview shows how black text looks on a background with the XYZ color 18.6126, 24.6261, 24.5412.

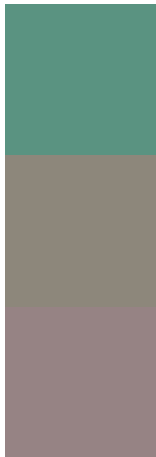


This preview shows how white text looks on a background with the XYZ color 18.6126, 24.6261,

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

18.6126, 24.6261, 24.5412

Protanopia

23.2236, 24.4207, 22.2285

Deuteranopia

24.8588, 24.3826, 25.2259



Tritanopia

20.5627, 24.4983, 34.6552

Trichromacy



Original Color

18.6126, 24.6261, 24.5412

Protanomaly

20.9603, 24.0835, 22.9459

Deuteranomaly

21.9445, 24.1192, 24.9716

Tritanomaly

19.7777, 24.4015, 30.8617

Monochromacy



Original Color

18.6126, 24.6261, 24.5412

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.4997, 22.4639, 23.7303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6126, 24.6261, 24.5412 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, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(90, 147, 129)  
}
```

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, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 147, 129) }
```

Border

The CSS property to change the border of an element to XYZ 18.6126, 24.6261, 24.5412 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, 147, 129) }
```


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

```
.border{ border-color:rgb(90, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(90, 147,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6126, 24.6261, 24.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 147, 129) }
```

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

```
.background{ background-color: rgb(90, 147,  
129) }
```

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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