

Converting Colors

XYZ(19.1303, 24.1254, 30.2600)

Have a look what the booklet for
XYZ(19.1303, 24.1254, 30.2600)
contains.

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Color

**XYZ(19.1086, 24.0656,
30.4261)**

Conversions

Conversions Part 1

Format	Color
Hex	589091
RGB	88, 144, 145
RGB Percent	35%, 56%, 57%
CMY	0.6549, 0.4353, 0.4314
CMYK	0.39, 0.01, 0.00, 0.43
HSL	181°, 24%, 46%
HSV	181°, 39%, 57%
XYZ	19.1086, 24.0656, 30.4261
YIQ	127.3700, -33.6970, -11.5610

Conversions

Conversions Part 2

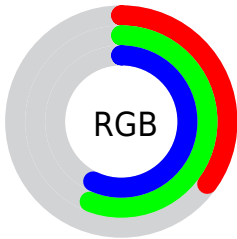
Format	Color
RYB	88, 116, 145
Decimal	5804177
CIELab	56.15, -18.10, -6.35
CIElCh	56, 19.179, 199.343
Yxy	24.0656, 0.2596, 0.3270
Android (android.graphics.Color)	4283994257 (0xFF589091)
YUV	127.3700, 8.6916, -34.5275
Hunter-Lab	49.0567, -16.3198, -2.4333

Details

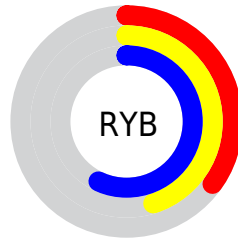
The XYZ color **19.1086, 24.0656, 30.4261** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.0112, 13.8693, 11.0134**, and the grayscale version is **20.2800, 21.3361, 23.2350**.

A 20% lighter version of the original color is **41.4874, 50.1744, 61.5308**, and **6.7075, 9.0300, 12.2159** is the 20% darker color. If you saturate the color by 10%, you get **17.8320, 23.3510, 30.3559**, and if you desaturate by 10%, it is **20.6597, 24.9230, 30.5103**.

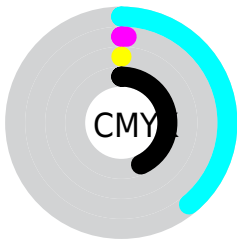
Distribution



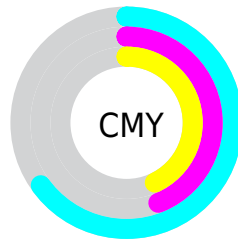
- Red (35%)
- Green (56%)
- Blue (57%)



- Red (35%)
- Yellow (45%)
- Blue (57%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (65%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1086, 24.0656, 30.4261 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 19.1086, 24.0656, 30.4261 by changing the saturation by 10% instead.

■ 19.1086, 24.0656,
30.4261

■ 19.1086, 24.0656,
30.4261

239.9743,
273.1520, 318.1545

■ 11.8532, 15.3823,
19.9074

■ 41.4330, 50.1372,
61.4043

■ 6.7153, 9.0881,
12.1444

■ 57.2327, 68.2943,
82.7010

■ 3.3294, 4.7987,
6.7183

■ 76.6113, 90.3782,
108.4274

■ 1.3303, 2.1296,
3.2108

■ 99.9341, 116.7731,
139.0021

■ 0.2057, 0.6812,
1.2033

127.5664,
147.8636, 174.8436

■ 0.0000, 0.0000,
0.0000

159.8736,

184.0339, 216.3705

197.2211,
225.6686, 264.0013

■ 19.1086, 24.0656,
30.4261

■ 19.1086, 24.0656,
30.4261

■ 17.8320, 23.3510,
30.3559

■ 20.6597, 24.9230,
30.5103

■ 16.8116, 22.7681,
30.2971

■ 22.4982, 25.9280,
30.6073

■ 16.0300, 22.3084,
30.2496

■ 24.6385, 27.0888,
30.7186

■ 15.4669, 21.9614,
30.2123

■ 27.0937, 28.4121,
30.8446

■ 15.0986, 21.7150,
30.1842

■ 29.8760, 29.9041,
30.9860

■ 14.8679, 21.5397,
30.1625

■ 32.9968, 31.5708,
31.1432

■ 14.8527, 21.5280,
30.1610

■ 36.4673, 33.4178,
31.3168

■ 40.2978, 35.4506,
31.5072

■ 44.4985, 37.6743,
31.7151

Harmonies

Analogous

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



18.9618, 24.0656, 24.0255



19.1086, 24.0656, 30.4261



20.2258, 24.0656, 36.5147

Triad

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



19.1086, 24.0656, 30.4261



26.2365, 24.0656, 34.9191



23.6651, 24.0656, 16.0064

Complementary

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



19.1086, 24.0656, 30.4261



17.0112, 13.8693, 11.0134

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.



25.7430, 24.0656, 18.0427



19.1086, 24.0656, 30.4261



27.2895, 24.0656, 28.5090

Square

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



19.1086, 24.0656, 30.4261



24.3041, 24.0656, 39.3827



27.1033, 24.0656, 22.3906



21.5004, 24.0656, 16.3509

Rectangle

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



19.1086, 24.0656, 30.4261



21.4131, 24.0656, 39.2582



27.1033, 24.0656, 22.3906



24.3992, 24.0656, 16.4204

Sweetspot

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



19.1093, 24.0665, 30.4267



42.9385, 47.8704, 54.9504



15.9514, 23.0464, 13.0483



9.4548, 10.5965, 12.2192



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.1093, 24.0665, 30.4267



32.2110, 41.9740, 54.3776



15.3295, 16.5068, 29.1667



5.5523, 6.1003, 6.9136



12.7416, 18.4692, 25.8704



0.1235, 0.1799, 0.2479

Inverse Universe

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



20.2014, 15.0134, 28.2198



34.4555, 23.4911, 49.8143



19.8528, 19.5525, 11.9607



5.6222, 5.5094, 6.7747



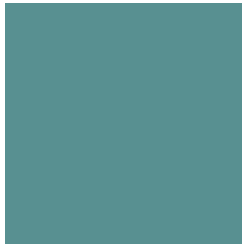
14.2345, 6.8508, 22.6838



0.1369, 0.0658, 0.2213

Previews

White Background



This preview shows how the XYZ color 19.1086, 24.0656, 30.4261 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 19.1086, 24.0656, 30.4261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

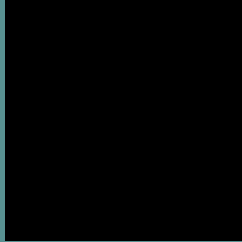
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1086, 24.0656, 30.4261

Background



This preview shows how black text looks on a background with the XYZ color 19.1086, 24.0656, 30.4261.

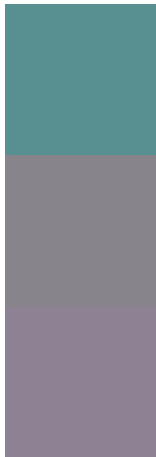


This preview shows how white text looks on a background with the XYZ color 19.1086, 24.0656,

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

19.1086, 24.0656, 30.4261

Protanopia

23.0394, 23.7900, 27.8037

Deuteranopia

24.3124, 23.7661, 31.3229



Tritanopia

19.8716, 24.1517, 34.1862

Trichromacy



Original Color

19.1086, 24.0656, 30.4261

Protanomaly

21.2246, 23.6660, 28.6486

Deuteranomaly

21.9565, 23.5721, 30.9964

Tritanomaly

19.5282, 24.0031, 32.8820

Monochromacy



Original Color

19.1086, 24.0656, 30.4261

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.5007, 22.0070, 25.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1086, 24.0656, 30.4261 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(88, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(88, 144, 145)  
}
```

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(88, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 19.1086, 24.0656, 30.4261 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(88, 144, 145) }
```


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

```
.border{ border-color:rgb(88, 144, 145) }
```

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

Here you see how a box with a 4 pixel rgb(88, 144, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(88, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1086, 24.0656, 30.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 144, 145) }
```

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

```
.background{ background-color: rgb(88, 144,  
145) }
```

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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