

Converting Colors

XYZ(18.1636, 21.9982, 23.0274)

Have a look what the booklet for
XYZ(18.1636, 21.9982, 23.0274)
contains.

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Color

**XYZ(18.1636, 21.9982,
23.0274)**

Conversions

Conversions Part 1

Format	Color
Hex	67887E
RGB	103, 136, 126
RGB Percent	40%, 53%, 49%
CMY	0.5961, 0.4667, 0.5059
CMYK	0.24, 0.00, 0.07, 0.47
HSL	162°, 14%, 47%
HSV	162°, 24%, 53%
XYZ	18.1636, 21.9982, 23.0274
YIQ	124.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

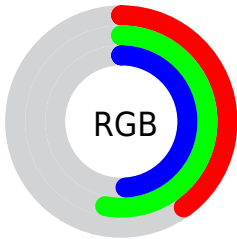
Format	Color
R_{YB}	103, 122, 136
Decimal	6785150
CIE _{Lab}	54.03, -13.83, 1.57
CIE _{LCh}	54, 13.922, 173.507
Yxy	21.9982, 0.2874, 0.3481
Android (android.graphics.Color)	4284975230 (0xFF67887E)
YUV	124.9930, 0.4965, -19.2879
Hunter-Lab	46.9022, -12.9521, 3.7222

Details

The XYZ color **18.1636, 21.9982, 23.0274** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9850, 16.1277, 17.7889**, and the grayscale version is **19.4935, 20.5087, 22.3339**.

A 20% lighter version of the original color is **39.8518, 46.6184, 49.5457**, and **6.2429, 8.0036, 8.2370** is the 20% darker color. If you saturate the color by 10%, you get **16.4684, 21.1550, 21.5885**, and if you desaturate by 10%, it is **20.1248, 22.9785, 24.5369**.

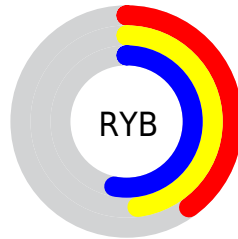
Distribution



Red (40%)

Green (53%)

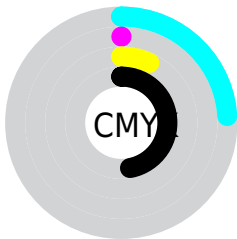
Blue (49%)



Red (40%)

Yellow (48%)

Blue (53%)

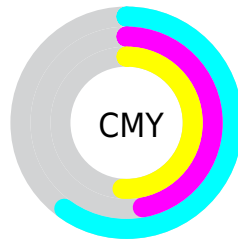


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (47%)



Cyan (60%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1636, 21.9982, 23.0274 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 18.1636, 21.9982, 23.0274 by changing the saturation by 10% instead.

■ 18.1636, 21.9982,
23.0274

■ 18.1636, 21.9982,
23.0274

234.8194,
262.5369, 280.9922

■ 11.1679, 13.8556,
14.4082

■ 39.8438, 46.7430,
49.3621

■ 6.2480, 8.0203,
8.2632

■ 55.2590, 64.1140,
67.9147

■ 3.0386, 4.1079,
4.1736

■ 74.2114, 85.3299,
90.6155

■ 1.1742, 1.7341,
1.7211

■ 97.0665, 110.7751,
117.8832

■ 0.0858, 0.4456,
0.3751

124.1894,
140.8340, 150.1361

■ 0.0000, 0.0000,
0.0000

155.9456,

175.8910, 187.7929

192.7005,
216.3305, 231.2721

■ 18.1636, 21.9982,
23.0274

■ 18.1636, 21.9982,
23.0274

■ 16.4684, 21.1550,
21.5885

■ 20.1248, 22.9785,
24.5369

■ 15.0249, 20.4397,
20.2174

■ 22.3617, 24.0990,
26.1168

■ 13.8203, 19.8463,
18.9133

■ 24.8857, 25.3662,
27.7687

■ 12.8400, 19.3674,
17.6749

■ 27.7072, 26.7854,
29.4937

■ 12.0677, 18.9944,
16.5006

■ 30.8357, 28.3617,
31.2928

■ 11.4845, 18.7178,
15.3889

■ 34.2808, 30.0998,
33.1673

■ 11.0667, 18.5252,
14.3379

■ 38.0511, 32.0042,
35.1180

■ 10.8603, 18.4313,
13.7603

■ 42.1553, 34.0793,
37.1461

■ 46.6017, 36.3295,
39.2524

Harmonies

Analogous

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



18.6678, 21.9982, 19.3545



18.1636, 21.9982, 23.0274



18.3661, 21.9982, 27.4117

Triad

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



18.1636, 21.9982, 23.0274



22.0840, 21.9982, 32.3828



22.6770, 21.9982, 17.8892

Complementary

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



18.1636, 21.9982, 23.0274



17.9850, 16.1277, 17.7889

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.



23.6757, 21.9982, 20.7969



18.1636, 21.9982, 23.0274



23.3220, 21.9982, 29.2261

Square

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



18.1636, 21.9982, 23.0274



20.5831, 21.9982, 33.1648



23.9172, 21.9982, 24.9016



21.2375, 21.9982, 16.6265

Rectangle

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



18.1636, 21.9982, 23.0274



18.8795, 21.9982, 30.1218



23.9172, 21.9982, 24.9016



23.0781, 21.9982, 18.6886

Sweetspot

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



18.1642, 21.9991, 23.0279



38.2171, 41.8715, 45.2069



18.1212, 22.1291, 16.1487



8.8063, 9.6747, 10.4385



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.1642, 21.9991, 23.0279



30.3497, 37.9405, 39.2045



18.0142, 20.6139, 26.3230



5.1093, 5.6632, 6.0969



10.2827, 17.4457, 13.0454



0.0748, 0.1185, 0.1210

Inverse Universe

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



17.9850, 16.1277, 17.7889



29.9796, 25.7773, 28.3570



18.0762, 17.1622, 15.1924



5.0912, 5.0719, 5.5688



9.9960, 5.1085, 2.4834



0.0723, 0.0363, 0.0476

Previews

White Background



This preview shows how the XYZ color 18.1636, 21.9982, 23.0274 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 18.1636, 21.9982, 23.0274 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 18.1636, 21.9982, 23.0274

Background



This preview shows how black text looks on a background with the XYZ color 18.1636, 21.9982, 23.0274.



This preview shows how white text looks on a background with the XYZ color 18.1636, 21.9982,

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

18.1636, 21.9982, 23.0274

Protanopia

20.9049, 21.8300, 21.5242

Deuteranopia

22.2144, 21.8885, 23.4761



Tritanopia

19.4850, 21.9145, 29.5885

Trichromacy



Original Color

18.1636, 21.9982, 23.0274

Protanomaly

19.7175, 21.8002, 21.9075

Deuteranomaly

20.4334, 21.7448, 23.1989

Tritanomaly

18.9843, 21.9205, 26.8974

Monochromacy



Original Color

18.1636, 21.9982, 23.0274

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.8880, 20.9631, 22.4528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1636, 21.9982, 23.0274 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(103, 136, 126)` looks like.

```
.text, #text, p{  
    color:rgb(103, 136, 126)  
}
```

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(103, 136, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 136, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.1636, 21.9982, 23.0274 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(103, 136, 126) }
```


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

```
.border{ border-color:rgb(103, 136, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 136, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 136, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 136, 126);  
box-shadow:4px 4px 4px 4px rgb(103, 136,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1636, 21.9982, 23.0274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 136, 126) }
```

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

```
.background{ background-color: rgb(103,  
136, 126) }
```

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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