

Converting Colors

XYZ(8.6381, 11.4376, 18.2754)

Have a look what the booklet for
XYZ(8.6381, 11.4376, 18.2754)
contains.

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Color

**XYZ(8.6381, 11.4376,
18.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	1E6874
RGB	30, 104, 116
RGB Percent	12%, 41%, 45%
CMY	0.8823, 0.5922, 0.5451
CMYK	0.74, 0.10, 0.00, 0.55
HSL	188°, 59%, 29%
HSV	188°, 74%, 45%
XYZ	8.6381, 11.4376, 18.2754
YIQ	83.2420, -47.9560, -11.9560

Conversions

Conversions Part 2

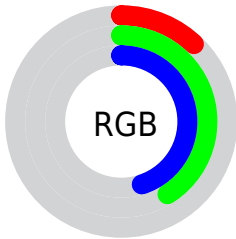
Format	Color
R_{YB}	30, 70, 116
Decimal	1992820
CIE _{Lab}	40.31, -17.91, -13.24
CIE _{LCh}	40, 22.270, 216.480
Yxy	11.4376, 0.2252, 0.2982
Android (android.graphics.Color)	4280182900 (0xFF1E6874)
YUV	83.2420, 16.1497, -46.6932
Hunter-Lab	33.8195, -13.5921, -8.3655

Details

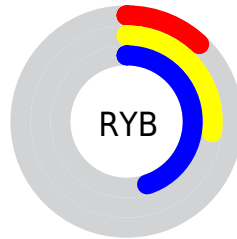
The XYZ color **8.6381, 11.4376, 18.2754** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.2651, 5.4630, 1.8475**, and the grayscale version is **8.2468, 8.6763, 9.4485**.

A 20% lighter version of the original color is **22.8137, 28.3445, 41.3144**, and **2.5065, 3.3436, 5.9821** is the 20% darker color. If you saturate the color by 10%, you get **8.1986, 10.9717, 18.2089**, and if you desaturate by 10%, it is **9.2062, 11.9749, 18.3494**.

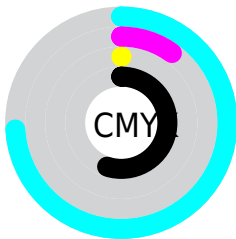
Distribution



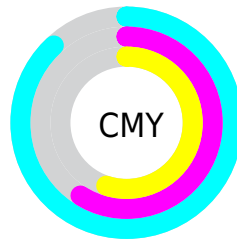
- Red (12%)
- Green (41%)
- Blue (45%)



- Red (12%)
- Yellow (27%)
- Blue (45%)



- Cyan (74%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)



- Cyan (88%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6381, 11.4376, 18.2754 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 8.6381, 11.4376, 18.2754 by changing the saturation by 10% instead.

8.6381, 11.4376,
18.2754

8.6381, 11.4376,
18.2754

174.9196,
200.6456, 254.7068

4.5611, 6.3620,
10.9764

22.8738, 28.4666,
41.3263

2.0242, 3.0664,
5.9370

33.7633, 41.1887,
57.9153

0.6475, 1.1665,
2.7386

47.6543, 57.2285,
78.4380

0.0000, 0.0341,
0.9628

64.9121, 76.9703,
103.3131

0.0000, 0.0000,
0.0000

85.9022, 100.7985,
132.9589

110.9899,

129.0975, 167.7941

140.5406,
162.2518, 208.2372

■ 8.6381, 11.4376,
18.2754

■ 8.6381, 11.4376,
18.2754

■ 8.1986, 10.9717,
18.2089

■ 9.2062, 11.9749,
18.3494

■ 7.8685, 10.5666,
18.1481

■ 9.9140, 12.5887,
18.4305

■ 7.6919, 10.3399,
18.1136

■ 10.7729, 13.2850,
18.5197

■ 11.7926, 14.0689,
18.6173

■ 12.9820, 14.9451,
18.7237

■ 14.3494, 15.9178,
18.8394

■ 15.9024, 16.9910,
18.9647

■ 17.6485, 18.1685,
19.0999

■ 19.5943, 19.4539,
19.2455

Harmonies

Analogous

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



8.1606, 11.4376, 13.4460



8.6381, 11.4376, 18.2754



9.7201, 11.4376, 22.0805

Triad

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



8.6381, 11.4376, 18.2754



13.8523, 11.4376, 16.1964



10.5369, 11.4376, 5.7316

Complementary

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



8.6381, 11.4376, 18.2754



8.2651, 5.4630, 1.8475

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.



12.1096, 11.4376, 6.1324



8.6381, 11.4376, 18.2754



14.1238, 11.4376, 11.5113

Square

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



8.6381, 11.4376, 18.2754



12.7490, 11.4376, 20.6938



13.4591, 11.4376, 8.0216



9.1873, 11.4376, 6.7554

Rectangle

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



8.6381, 11.4376, 18.2754



10.6884, 11.4376, 23.1156



13.4591, 11.4376, 8.0216



11.0559, 11.4376, 5.7086

Sweetspot

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



8.6385, 11.4380, 18.2757



23.1777, 26.5287, 32.9435



7.1895, 12.9304, 4.2581



5.4176, 6.2481, 7.8494



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



8.6385, 11.4380, 18.2757



13.9842, 18.7709, 31.9306



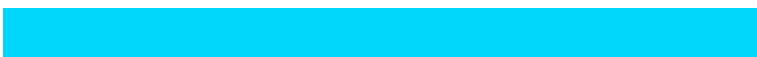
5.3855, 4.9321, 17.1914



3.7419, 4.0724, 4.6791



8.6221, 11.5838, 20.3240



41.5481, 55.5127, 98.8855

Inverse Universe

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



10.1657, 5.6413, 13.6502



17.0031, 8.5734, 22.5049



10.6438, 10.2205, 2.6404



3.8057, 3.7496, 4.5037



10.6492, 5.1934, 13.8925



51.6583, 25.2134, 66.4551

Previews

White Background



This preview shows how the XYZ color 8.6381, 11.4376, 18.2754 looks on a white 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

Black Background



This preview shows how the XYZ color 8.6381, 11.4376, 18.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

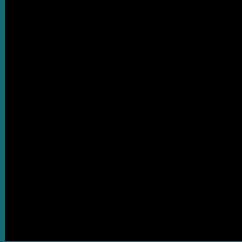
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.6381, 11.4376, 18.2754

Background



This preview shows how black text looks on a background with the XYZ color 8.6381, 11.4376, 18.2754.



This preview shows how white text looks on a background with the XYZ color 8.6381, 11.4376,

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

8.6381, 11.4376, 18.2754

Protanopia

11.1767, 11.3848, 16.0764

Deuteranopia

11.5585, 11.3848, 19.0410



Tritanopia

8.4098, 11.3398, 17.3683

Trichromacy



Original Color

8.6381, 11.4376, 18.2754

Protanomaly

9.7466, 11.1704, 16.9716

Deuteranomaly

9.9990, 11.1226, 18.7594

Tritanomaly

8.4943, 11.3767, 17.6678

Monochromacy



Original Color

8.6381, 11.4376, 18.2754

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

7.9210, 9.3984, 12.2231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6381, 11.4376, 18.2754 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(30, 104, 116)` looks like.

```
.text, #text, p{  
    color:rgb(30, 104, 116)  
}
```

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(30, 104, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 104, 116) }
```

Border

The CSS property to change the border of an element to XYZ 8.6381, 11.4376, 18.2754 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(30, 104, 116) }
```


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

```
.border{ border-color:rgb(30, 104, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 104, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 104, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 104, 116);  
box-shadow:4px 4px 4px 4px rgb(30, 104,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 8.6381, 11.4376, 18.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 104, 116) }
```

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

```
.background{ background-color: rgb(30, 104,  
116) }
```

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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