

Converting Colors

XYZ(14.0985, 18.1199, 25.4939)

Have a look what the booklet for
XYZ(14.0985, 18.1199, 25.4939)
contains.

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Color

**XYZ(14.0769, 18.0180,
25.6576)**

Conversions

Conversions Part 1

Format	Color
Hex	407F87
RGB	64, 127, 135
RGB Percent	25%, 50%, 53%
CMY	0.7490, 0.5020, 0.4706
CMYK	0.53, 0.06, 0.00, 0.47
HSL	187°, 36%, 39%
HSV	187°, 53%, 53%
XYZ	14.0769, 18.0180, 25.6576
YIQ	109.0750, -40.1160, -10.8680

Conversions

Conversions Part 2

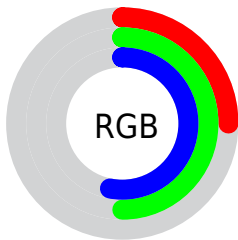
Format	Color
R_{YB}	64, 97, 135
Decimal	4226951
CIE _{Lab}	49.52, -17.86, -10.57
CIE _{LCh}	50, 20.757, 210.614
Yxy	18.0180, 0.2437, 0.3120
Android (android.graphics.Color)	4282417031 (0xFF407F87)
YUV	109.0750, 12.7810, -39.5308
Hunter-Lab	42.4476, -15.0874, -6.1247

Details

The XYZ color **14.0769, 18.0180, 25.6576** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.2348, 10.1562, 6.1138**, and the grayscale version is **14.5306, 15.2873, 16.6479**.

A 20% lighter version of the original color is **32.8696, 40.1249, 53.5894**, and **4.3641, 6.1047, 9.5426** is the 20% darker color. If you saturate the color by 10%, you get **13.1083, 17.2296, 25.5568**, and if you desaturate by 10%, it is **15.2622, 18.9233, 25.7702**.

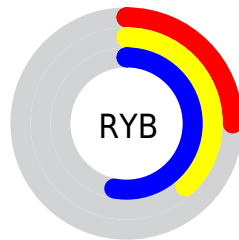
Distribution



Red (25%)

Green (50%)

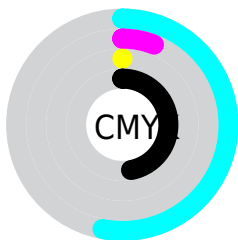
Blue (53%)



Red (25%)

Yellow (38%)

Blue (53%)

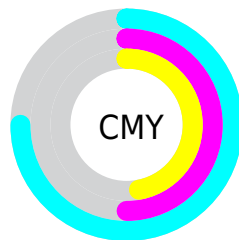


Cyan (53%)

Magenta (6%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0769, 18.0180, 25.6576 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 14.0769, 18.0180, 25.6576 by changing the saturation by 10% instead.

■ 14.0769, 18.0180,
25.6576

■ 14.0769, 18.0180,
25.6576

211.2098,
240.9725, 294.6490

■ 8.2562, 10.9629,
16.3442

■ 32.8105, 40.0680,
53.6993

■ 4.3125, 6.0419,
9.6111

■ 46.4542, 55.8317,
73.2648

■ 1.8804, 2.8706,
5.0396

■ 63.4363, 75.2670,
97.0846

■ 0.5654, 1.0645,
2.2114

■ 84.1221, 98.7584,
125.5774

■ 0.0000, 0.0000,
0.6809

■ 108.8770,
126.6903, 159.1617

■ 0.0000, 0.0000,
0.0000

138.0663,

159.4470, 198.2560

172.0555,
197.4129, 243.2790

■ 14.0769, 18.0180,
25.6576

■ 14.0769, 18.0180,
25.6576

■ 13.1083, 17.2296,
25.5568

■ 15.2622, 18.9233,
25.7702

■ 12.3390, 16.5480,
25.4658

■ 16.6765, 19.9506,
25.8939

■ 11.7518, 15.9646,
25.3841

■ 18.3332, 21.1074,
26.0299

■ 11.3259, 15.4687,
25.3109

■ 20.2443, 22.3997,
26.1786

■ 11.0646, 15.1321,
25.2597

■ 22.4208, 23.8334,
26.3406

■ 24.8732, 25.4138,
26.5164

■ 27.6113, 27.1460,
26.7065

■ 30.6446, 29.0349,
26.9112

■ 33.9820, 31.0851,
27.1310

Harmonies

Analogous

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



13.6202, 18.0180, 19.7347



14.0769, 18.0180, 25.6576



15.3386, 18.0180, 30.6313

Triad

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



14.0769, 18.0180, 25.6576



20.6312, 18.0180, 25.4181



17.0851, 18.0180, 10.6696

Complementary

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



14.0769, 18.0180, 25.6576



13.2348, 10.1562, 6.1138

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.



19.0462, 18.0180, 11.6234



14.0769, 18.0180, 25.6576



21.1860, 18.0180, 19.5028

Square

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



14.0769, 18.0180, 25.6576



19.1215, 18.0180, 30.4755



20.5854, 18.0180, 14.6103



15.2736, 18.0180, 11.7053

Rectangle

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



14.0769, 18.0180, 25.6576



16.5171, 18.0180, 32.3401



20.5854, 18.0180, 14.6103



17.7488, 18.0180, 10.7659

Sweetspot

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



14.0775, 18.0187, 25.6580



34.9088, 39.2119, 46.7771



11.9193, 18.8746, 8.9935



7.9438, 8.9860, 10.8221



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.



14.0775, 18.0187, 25.6580



23.1975, 30.6184, 45.7357



10.3499, 10.5636, 24.4155



4.7580, 5.1917, 5.9521



10.2089, 13.9655, 23.2942



0.0385, 0.0547, 0.0818

Inverse Universe

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



15.6563, 10.3505, 21.2521



26.4416, 15.6775, 36.4999



16.1336, 15.9537, 7.0800



4.8359, 4.7540, 5.7482



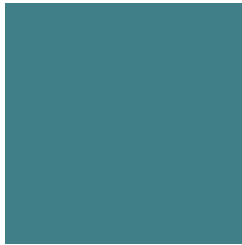
12.3311, 5.9968, 16.8476



0.0443, 0.0214, 0.0668

Previews

White Background



This preview shows how the XYZ color 14.0769, 18.0180, 25.6576 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 14.0769, 18.0180, 25.6576 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 14.0769, 18.0180, 25.6576

Background



This preview shows how black text looks on a background with the XYZ color 14.0769, 18.0180, 25.6576.



This preview shows how white text looks on a background with the XYZ color 14.0769, 18.0180,

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

14.0769, 18.0180, 25.6576

Protanopia

17.3441, 17.7623, 22.9364

Deuteranopia

18.2125, 17.7915, 26.5190



Tritanopia

14.2847, 18.1087, 26.4094

Trichromacy



Original Color

14.0769, 18.0180, 25.6576

Protanomaly

15.7430, 17.6130, 24.0426

Deuteranomaly

16.2578, 17.6524, 26.2173

Tritanomaly

14.2133, 18.0801, 26.0332

Monochromacy



Original Color

14.0769, 18.0180, 25.6576

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.0296, 16.1259, 19.5127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0769, 18.0180, 25.6576 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(64, 127, 135)` looks like.

```
.text, #text, p{  
    color:rgb(64, 127, 135)  
}
```

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(64, 127, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 127, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.0769, 18.0180, 25.6576 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(64, 127, 135) }
```


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

```
.border{ border-color:rgb(64, 127, 135) }
```

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

Here you see how a box with a 4 pixel rgb(64, 127, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 127, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 127, 135);  
box-shadow:4px 4px 4px 4px rgb(64, 127,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0769, 18.0180, 25.6576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 127, 135) }
```

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

```
.background{ background-color: rgb(64, 127,  
135) }
```

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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