

Converting Colors

XYZ(18.3532, 21.9746, 26.4914)

Have a look what the booklet for
XYZ(18.3532, 21.9746, 26.4914)
contains.

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Color

**XYZ(18.3937, 22.0385,
26.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	638888
RGB	99, 136, 136
RGB Percent	39%, 53%, 53%
CMY	0.6118, 0.4667, 0.4667
CMYK	0.27, 0.00, 0.00, 0.47
HSL	180°, 16%, 46%
HSV	180°, 27%, 53%
XYZ	18.3937, 22.0385, 26.5770
YIQ	124.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

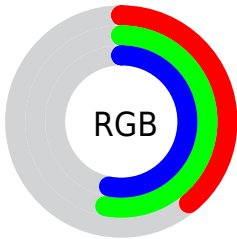
Format	Color
R_{YB}	99, 118, 136
Decimal	6523016
CIE _{Lab}	54.07, -12.81, -4.18
CIE _{LCh}	54, 13.473, 198.094
Yxy	22.0385, 0.2745, 0.3289
Android (android.graphics.Color)	4284713096 (0xFF638888)
YUV	124.9370, 5.4541, -22.7467
Hunter-Lab	46.9452, -12.2156, -0.7041

Details

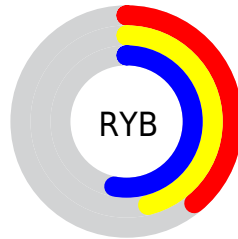
The XYZ color **18.3937, 22.0385, 26.5770** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8681, 15.0595, 13.8230**, and the grayscale version is **19.4598, 20.4733, 22.2954**.

A 20% lighter version of the original color is **40.1454, 46.6486, 55.0323**, and **6.3229, 8.0056, 10.0161** is the 20% darker color. If you saturate the color by 10%, you get **17.0314, 21.3368, 26.5135**, and if you desaturate by 10%, it is **20.0076, 22.8710, 26.6532**.

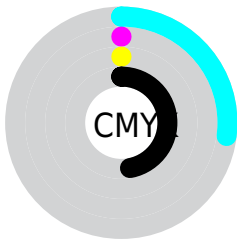
Distribution



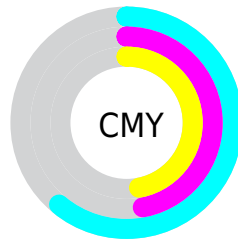
- Red (39%)
- Green (53%)
- Blue (53%)



- Red (39%)
- Yellow (46%)
- Blue (53%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (61%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3937, 22.0385, 26.5770 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 18.3937, 22.0385, 26.5770 by changing the saturation by 10% instead.

■ 18.3937, 22.0385,
26.5770

■ 18.3937, 22.0385,
26.5770

236.0838,
262.7473, 299.2983

■ 11.3344, 13.8852,
17.0262

■ 40.2319, 46.8096,
55.1998

■ 6.3612, 8.0409,
10.0910

■ 55.7415, 64.1962,
75.1088

■ 3.1087, 4.1211,
5.3529

■ 74.7986, 85.4294,
99.3077

■ 1.2115, 1.7415,
2.3935

■ 97.7685, 110.8935,
128.2149

■ 0.1154, 0.4503,
0.7829

125.0167,
140.9729, 162.2491

■ 0.0000, 0.0000,
0.0000

156.9083,

176.0521, 201.8286

193.8089,
216.5154, 247.3722

■ 18.3937, 22.0385,
26.5770

■ 18.3937, 22.0385,
26.5770

■ 17.0314, 21.3368,
26.5135

■ 20.0076, 22.8710,
26.6532

■ 15.9062, 20.7567,
26.4607

■ 21.8827, 23.8377,
26.7411

■ 15.0051, 20.2922,
26.4183

■ 24.0307, 24.9450,
26.8418

■ 14.3131, 19.9354,
26.3858

■ 26.4618, 26.1983,
26.9558

■ 13.8134, 19.6779,
26.3622

■ 29.1858, 27.6026,
27.0835

■ 13.4867, 19.5094,
26.3467

■ 32.2120, 29.1626,
27.2253

■ 13.2958, 19.4110,
26.3376

■ 35.5493, 30.8831,
27.3817

■ 13.2483, 19.3865,
26.3353

■ 39.2062, 32.7683,
27.5530

■ 43.1909, 34.8225,
27.7397

Harmonies

Analogous

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



18.3220, 22.0385, 22.3777



18.3937, 22.0385, 26.5770



19.1299, 22.0385, 30.4809

Triad

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



18.3937, 22.0385, 26.5770



23.1033, 22.0385, 29.7677



21.5306, 22.0385, 16.9666

Complementary

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



18.3937, 22.0385, 26.5770



16.8681, 15.0595, 13.8230

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.



22.8756, 22.0385, 18.5033



18.3937, 22.0385, 26.5770



23.8114, 22.0385, 25.6908

Square

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



18.3937, 22.0385, 26.5770



21.8297, 22.0385, 32.4650



23.7261, 22.0385, 21.5881



20.0883, 22.0385, 17.1453

Rectangle

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



18.3937, 22.0385, 26.5770



19.9184, 22.0385, 32.2421



23.7261, 22.0385, 21.5881



22.0103, 22.0385, 17.2916

Sweetspot

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



18.3943, 22.0394, 26.5775



38.2217, 41.8318, 47.1079



16.2702, 21.1975, 15.0389



8.7427, 9.6316, 10.9045



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.



18.3943, 22.0394, 26.5775



30.8027, 38.0072, 46.7599



16.0824, 17.4153, 25.8073



5.1728, 5.6886, 6.4312



12.5386, 18.3480, 24.9246



0.0833, 0.1219, 0.1656

Inverse Universe

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



16.8681, 15.0595, 13.8230



27.6217, 23.4598, 20.1772



18.7540, 18.8313, 14.4513



5.0329, 5.0486, 5.2616



9.6099, 4.9541, 0.4499



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 18.3937, 22.0385, 26.5770 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 18.3937, 22.0385, 26.5770 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 18.3937, 22.0385, 26.5770

Background



This preview shows how black text looks on a background with the XYZ color 18.3937, 22.0385, 26.5770.



This preview shows how white text looks on a background with the XYZ color 18.3937, 22.0385,

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

18.3937, 22.0385, 26.5770

Protanopia

21.0218, 21.8229, 24.5770

Deuteranopia

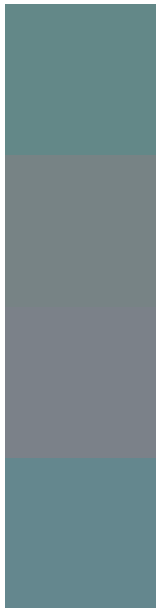
22.2376, 21.8206, 27.0845



Tritanopia

19.1416, 22.1390, 30.0524

Trichromacy



Original Color

18.3937, 22.0385, 26.5770

Protanomaly

19.9577, 21.8480, 25.3555

Deuteranomaly

20.5340, 21.7176, 26.7766

Tritanomaly

18.8020, 21.9903, 28.8448

Monochromacy



Original Color

18.3937, 22.0385, 26.5770

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.0152, 20.9985, 23.8198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3937, 22.0385, 26.5770 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(99, 136, 136) looks like.

```
.text, #text, p{  
    color:rgb(99, 136, 136)  
}
```

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(99, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 136, 136) }
```

Border

The CSS property to change the border of an element to XYZ 18.3937, 22.0385, 26.5770 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(99, 136, 136) }
```


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

```
.border{ border-color:rgb(99, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(99, 136,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3937, 22.0385, 26.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 136, 136) }
```

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

```
.background{ background-color: rgb(99, 136,  
136) }
```

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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