

Converting Colors

XYZ(18.8870, 21.3385, 34.6591)

Have a look what the booklet for
XYZ(18.8870, 21.3385, 34.6591)
contains.

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Color

**XYZ(18.8681, 21.2825,
34.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	5E849C
RGB	94, 132, 156
RGB Percent	37%, 52%, 61%
CMY	0.6314, 0.4823, 0.3882
CMYK	0.40, 0.15, 0.00, 0.39
HSL	203°, 25%, 49%
HSV	203°, 40%, 61%
XYZ	18.8681, 21.2825, 34.5660
YIQ	123.3740, -30.3520, -0.5920

Conversions

Conversions Part 2

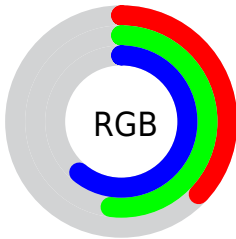
Format	Color
R_{YB}	94, 118, 156
Decimal	6194332
CIE _{Lab}	53.26, -6.85, -17.03
CIE _{LCh}	53, 18.351, 248.092
Yxy	21.2825, 0.2525, 0.2848
Android (android.graphics.Color)	4284384412 (0xFF5E849C)
YUV	123.3740, 16.0846, -25.7610
Hunter-Lab	46.1330, -7.7273, -12.1311

Details

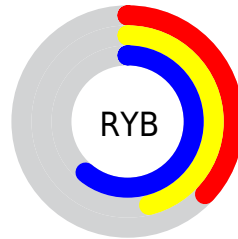
The XYZ color **18.8681, 21.2825, 34.5660** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.2096, 20.8334, 13.4410**, and the grayscale version is **18.9065, 19.8911, 21.6614**.

A 20% lighter version of the original color is **41.1395, 45.6041, 68.2622**, and **6.6393, 7.7200, 14.5048** is the 20% darker color. If you saturate the color by 10%, you get **16.6320, 18.9495, 34.2339**, and if you desaturate by 10%, it is **21.4763, 23.8786, 34.9300**.

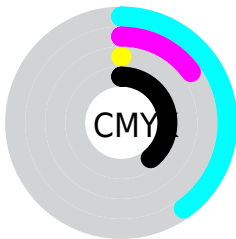
Distribution



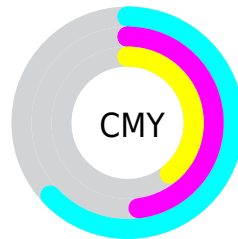
- Red (37%)
- Green (52%)
- Blue (61%)



- Red (37%)
- Yellow (46%)
- Blue (61%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (63%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8681, 21.2825, 34.5660 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 18.8681, 21.2825, 34.5660 by changing the saturation by 10% instead.

■ 18.8681, 21.2825,
34.5660

■ 18.8681, 21.2825,
34.5660

238.6717,
258.7760, 337.4944

■ 11.6784, 13.3307,
23.0479

■ 41.0297, 45.5572,
67.9568

■ 6.5958, 7.6566,
14.4232

■ 56.7324, 62.6489,
90.6666

■ 3.2547, 3.8760,
8.2735

■ 76.0034, 83.5560,
117.9440

■ 1.2898, 1.6045,
4.1802

■ 99.2082, 108.6628,
150.2076

■ 0.1756, 0.3606,
1.7247

126.7120,
138.3538, 187.8758

■ 0.0000, 0.0000,
0.3776

158.8804,

■ 0.0000, 0.0000,

173.0135, 231.3674

0.0000

196.0785,
213.0261, 281.1007

■ 18.8681, 21.2825,
34.5660

■ 18.8681, 21.2825,
34.5660

■ 16.6320, 18.9495,
34.2339

■ 21.4763, 23.8786,
34.9300

■ 14.7456, 16.8656,
33.9311

■ 24.4732, 26.7462,
35.3256

■ 13.1870, 15.0186,
33.6567

■ 27.8770, 29.8962,
35.7542

■ 11.9308, 13.3942,
33.4094

■ 31.7040, 33.3380,
36.2168

■ 10.9472, 11.9759,
33.1875

■ 35.9695, 37.0808,
36.7144

■ 10.1679, 10.7270,
32.9875

■ 40.6880, 41.1330,
37.2479

■ 10.1487, 10.6961,
32.9826

■ 45.8735, 45.5028,
37.8180

■ 51.5392, 50.1981,
38.4257

■ 57.6977, 55.2263,
39.0716

Harmonies

Analogous

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



17.4321, 21.2825, 30.4089



18.8681, 21.2825, 34.5660



20.7580, 21.2825, 35.4417

Triad

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



18.8681, 21.2825, 34.5660



24.1511, 21.2825, 21.7015



18.0131, 21.2825, 15.7405

Complementary

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



18.8681, 21.2825, 34.5660



22.2096, 20.8334, 13.4410

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.



19.7078, 21.2825, 14.1232



18.8681, 21.2825, 34.5660



23.3088, 21.2825, 17.1870

Square

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



18.8681, 21.2825, 34.5660



23.8907, 21.2825, 27.3925



21.6525, 21.2825, 14.6068



16.9609, 21.2825, 19.4108

Rectangle

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



18.8681, 21.2825, 34.5660



22.0364, 21.2825, 33.9341



21.6525, 21.2825, 14.6068



18.5221, 21.2825, 14.9678

Sweetspot

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



18.8688, 21.2833, 34.5665



49.0186, 52.8227, 64.7390



19.7613, 27.4596, 21.3262



10.6224, 11.4726, 14.2249



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.8688, 21.2833, 34.5665



30.5063, 34.7363, 62.2237



15.2938, 14.1334, 33.3748



6.6060, 7.0778, 8.4247



8.3936, 8.8787, 27.1786



0.1902, 0.2389, 0.4993

Inverse Universe

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



21.8784, 16.7399, 23.9086



36.9559, 25.9187, 39.1779



26.4417, 29.2977, 14.8517



6.7952, 6.7110, 7.7729



13.0349, 6.5185, 9.7007



0.2533, 0.1246, 0.2800

Previews

White Background



This preview shows how the XYZ color 18.8681, 21.2825, 34.5660 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 18.8681, 21.2825, 34.5660 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 18.8681, 21.2825, 34.5660

Background



This preview shows how black text looks on a background with the XYZ color 18.8681, 21.2825, 34.5660.



This preview shows how white text looks on a background with the XYZ color 18.8681, 21.2825,

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

18.8681, 21.2825, 34.5660

Protanopia

21.0135, 21.2537, 32.7006

Deuteranopia

21.5476, 21.0949, 35.2838



Tritanopia

17.9503, 21.3187, 29.9569

Trichromacy



Original Color

18.8681, 21.2825, 34.5660

Protanomaly

20.0245, 21.1178, 33.1577

Deuteranomaly

20.3573, 21.0578, 34.8899

Tritanomaly

18.2260, 21.2203, 31.5691

Monochromacy



Original Color

18.8681, 21.2825, 34.5660

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5161, 20.1157, 25.8285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8681, 21.2825, 34.5660 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(94, 132, 156) looks like.

```
.text, #text, p{  
    color:rgb(94, 132, 156)  
}
```

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(94, 132, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 132, 156) }
```

Border

The CSS property to change the border of an element to XYZ 18.8681, 21.2825, 34.5660 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(94, 132, 156) }
```


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

```
.border{ border-color:rgb(94, 132, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 132, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 132, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 132, 156);  
box-shadow:4px 4px 4px 4px rgb(94, 132,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8681, 21.2825, 34.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 132, 156) }
```

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

```
.background{ background-color: rgb(94, 132,  
156) }
```

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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