

Converting Colors

XYZ(18.9217, 23.2365, 26.9494)

Have a look what the booklet for
XYZ(18.9217, 23.2365, 26.9494)
contains.

XYZ(18.8590, 23.1304, 26.7632)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.8590, 23.1304,
26.7632)**

Conversions

Conversions Part 1

Format	Color
Hex	628C88
RGB	98, 140, 136
RGB Percent	38%, 55%, 53%
CMY	0.6157, 0.4510, 0.4667
CMYK	0.30, 0.00, 0.03, 0.45
HSL	174°, 18%, 47%
HSV	174°, 30%, 55%
XYZ	18.8590, 23.1304, 26.7632
YIQ	126.9860, -23.7480, -10.1480

Conversions

Conversions Part 2

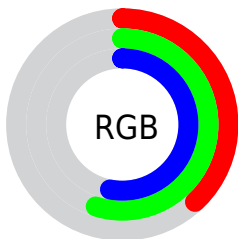
Format	Color
R_{YB}	98, 120, 140
Decimal	6458504
CIE _{Lab}	55.21, -15.30, -2.51
CIE _{LCh}	55, 15.501, 189.328
Yxy	23.1304, 0.2743, 0.3364
Android (android.graphics.Color)	4284648584 (0xFF628C88)
YUV	126.9860, 4.4439, -25.4207
Hunter-Lab	48.0941, -14.1699, 0.6724

Details

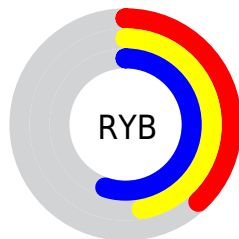
The XYZ color **18.8590, 23.1304, 26.7632** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.5819, 15.2707, 14.5921**, and the grayscale version is **20.1596, 21.2094, 23.0971**.

A 20% lighter version of the original color is **41.0548, 48.7417, 55.3884**, and **6.6025, 8.6372, 10.1233** is the 20% darker color. If you saturate the color by 10%, you get **17.3845, 22.3818, 26.2028**, and if you desaturate by 10%, it is **20.6002, 24.0176, 27.3432**.

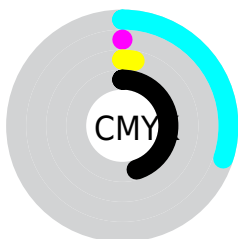
Distribution



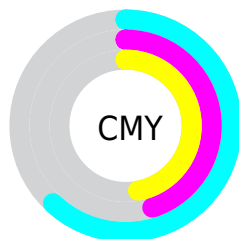
- Red (38%)
- Green (55%)
- Blue (53%)



- Red (38%)
- Yellow (47%)
- Blue (55%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8590, 23.1304, 26.7632 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 18.8590, 23.1304, 26.7632 by changing the saturation by 10% instead.

■ 18.8590, 23.1304,
26.7632

■ 18.8590, 23.1304,
26.7632

238.6223,
268.3940, 300.2326

■ 11.6718, 14.6898,
17.1646

■ 41.0144, 48.6074,
55.5028

■ 6.5912, 8.6020,
10.1887

■ 56.7134, 66.4125,
75.4808

■ 3.2518, 4.4825,
5.4170

■ 75.9804, 88.1080,
99.7557

■ 1.2883, 1.9470,
2.4310

■ 99.1807, 114.0782,
128.7461

■ 0.1744, 0.5764,
0.8032

126.6796,
144.7075, 162.8704

■ 0.0000, 0.0000,
0.0000

158.8427,

180.3803, 202.5472

196.0351,
221.4810, 248.1951

■ 18.8590, 23.1304,
26.7632

■ 18.8590, 23.1304,
26.7632

■ 17.3845, 22.3818,
26.2028

■ 20.6002, 24.0176,
27.3432

■ 16.1611, 21.7618,
25.6599

■ 22.6190, 25.0472,
27.9419

■ 15.1742, 21.2637,
25.1341

■ 24.9279, 26.2262,
28.5603

■ 14.4074, 20.8789,
24.6247

■ 27.5382, 27.5604,
29.1991

■ 13.8419, 20.5977,
24.1308

■ 30.4606, 29.0553,
29.8587

■ 13.4557, 20.4088,
23.6514

■ 33.7050, 30.7162,
30.5397

■ 13.1874, 20.2805,
23.1835

■ 37.2813, 32.5480,
31.2425

■ 41.1987, 34.5555,
31.9675

■ 45.4660, 36.7432,
32.7153

Harmonies

Analogous

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



19.0133, 23.1304, 21.9654



18.8590, 23.1304, 26.7632



19.5076, 23.1304, 31.7275

Triad

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



18.8590, 23.1304, 26.7632



24.1640, 23.1304, 33.3082



23.1817, 23.1304, 17.2727

Complementary

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



18.8590, 23.1304, 26.7632



17.5819, 15.2707, 14.5921

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.



24.6632, 23.1304, 19.6102



18.8590, 23.1304, 26.7632



25.2508, 23.1304, 28.7049

Square

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



18.8590, 23.1304, 26.7632



22.5291, 23.1304, 35.8198



25.4381, 23.1304, 23.6702



21.4492, 23.1304, 16.8959

Rectangle

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



18.8590, 23.1304, 26.7632



20.3290, 23.1304, 34.3132



25.4381, 23.1304, 23.6702



23.7280, 23.1304, 17.8389

Sweetspot

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



18.8597, 23.1313, 26.7637



40.1874, 44.3161, 49.3479



17.0855, 22.4754, 14.9934



9.1450, 10.1527, 11.3386



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.8597, 23.1313, 26.7637



31.4417, 39.8612, 46.5120



16.8791, 18.7065, 27.5331



5.1526, 5.6805, 6.3248



11.7210, 18.0210, 20.6192



0.0806, 0.1208, 0.1516

Inverse Universe

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



17.5819, 15.2707, 14.5921



28.8164, 23.6983, 21.4944



19.1285, 18.6739, 14.1519



5.0510, 5.0558, 5.3569



9.6801, 4.9822, 0.8200



0.0665, 0.0340, 0.0170

Previews

White Background



This preview shows how the XYZ color 18.8590, 23.1304, 26.7632 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 18.8590, 23.1304, 26.7632 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 18.8590, 23.1304, 26.7632

Background



This preview shows how black text looks on a background with the XYZ color 18.8590, 23.1304, 26.7632.



This preview shows how white text looks on a background with the XYZ color 18.8590, 23.1304,

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

18.8590, 23.1304, 26.7632

Protanopia

22.0445, 22.9396, 24.7386

Deuteranopia

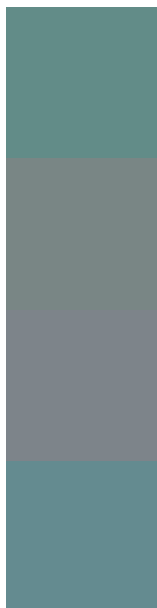
23.3639, 22.9651, 27.6274



Tritanopia

19.8801, 23.1136, 31.8473

Trichromacy



Original Color

18.8590, 23.1304, 26.7632

Protanomaly

20.6439, 22.8086, 25.5048

Deuteranomaly

21.2962, 22.6975, 27.3034

Tritanomaly

19.5222, 23.1882, 29.8324

Monochromacy



Original Color

18.8590, 23.1304, 26.7632

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.4830, 21.8272, 24.3053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8590, 23.1304, 26.7632 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(98, 140, 136) looks like.

```
.text, #text, p{  
    color:rgb(98, 140, 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(98, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 140, 136) }
```

Border

The CSS property to change the border of an element to XYZ 18.8590, 23.1304, 26.7632 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(98, 140, 136) }
```


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

```
.border{ border-color:rgb(98, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(98, 140,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8590, 23.1304, 26.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 140, 136) }
```

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

```
.background{ background-color: rgb(98, 140,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor