

Converting Colors

XYZ(18.2122, 21.4438, 27.6542)

Have a look what the booklet for
XYZ(18.2122, 21.4438, 27.6542)
contains.

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Color

**XYZ(18.2223, 21.5109,
27.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	62868B
RGB	98, 134, 139
RGB Percent	38%, 53%, 55%
CMY	0.6157, 0.4745, 0.4549
CMYK	0.29, 0.04, 0.00, 0.45
HSL	187°, 17%, 46%
HSV	187°, 29%, 55%
XYZ	18.2223, 21.5109, 27.6177
YIQ	123.8060, -23.0610, -6.0770

Conversions

Conversions Part 2

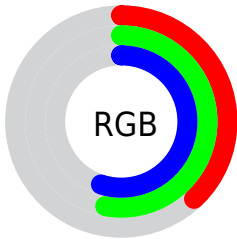
Format	Color
R _Y B	98, 117, 139
Decimal	6456971
CIE Lab	53.50, -11.28, -6.77
CIE LCh	54, 13.152, 210.964
Yxy	21.5109, 0.2706, 0.3194
Android (android.graphics.Color)	4284647051 (0xFF62868B)
YUV	123.8060, 7.4906, -22.6319
Hunter-Lab	46.3798, -11.0334, -2.8394

Details

The XYZ color **18.2223, 21.5109, 27.6177** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7026, 16.0716, 13.7249**, and the grayscale version is **19.0755, 20.0689, 21.8550**.

A 20% lighter version of the original color is **39.8624, 45.8304, 56.6144**, and **6.2401, 7.7149, 10.6114** is the 20% darker color. If you saturate the color by 10%, you get **16.6186, 20.3398, 27.4765**, and if you desaturate by 10%, it is **20.0915, 22.8256, 27.7733**.

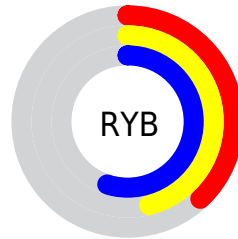
Distribution



Red (38%)

Green (53%)

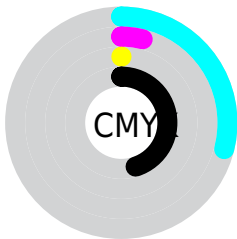
Blue (55%)



Red (38%)

Yellow (46%)

Blue (55%)

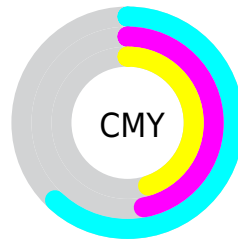


Cyan (29%)

Magenta (4%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2223, 21.5109, 27.6177 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 18.2223, 21.5109, 27.6177 by changing the saturation by 10% instead.

■ 18.2223, 21.5109,
27.6177

■ 18.2223, 21.5109,
27.6177

235.1425,
259.9813, 304.4899

■ 11.2104, 13.4980,
17.8011

■ 39.9429, 45.9363,
56.8892

■ 6.2768, 7.7723,
10.6394

■ 55.3822, 63.1175,
77.1813

■ 3.0564, 3.9496,
5.7138

■ 74.3614, 84.1236,
101.8023

■ 1.1837, 1.6454,
2.6059

■ 97.2458, 109.3390,
131.1707

■ 0.0934, 0.3879,
0.8955

124.4008,
139.1481, 165.7052

■ 0.0000, 0.0000,
0.0000

156.1916,

173.9352, 205.8241

192.9837,
214.0848, 251.9462

■ 18.2223, 21.5109,
27.6177

■ 18.2223, 21.5109,
27.6177

■ 16.6186, 20.3398,
27.4765

■ 20.0915, 22.8256,
27.7733

■ 15.2651, 19.3026,
27.3477

■ 22.2368, 24.2876,
27.9424

■ 14.1476, 18.3926,
27.2309

■ 24.6706, 25.9040,
28.1262

■ 13.2499, 17.6015,
27.1255

■ 27.4038, 27.6805,
28.3250

■ 12.5538, 16.9197,
27.0306

■ 30.4470, 29.6224,
28.5394

■ 12.0377, 16.3362,
26.9452

■ 33.8100, 31.7348,
28.7699

■ 11.6457, 15.8220,
26.8666

■ 37.5024, 34.0228,
29.0169

■ 11.6265, 15.7965,
26.8627

■ 41.5332, 36.4910,
29.2809

■ 45.9112, 39.1440,
29.5622

Harmonies

Analogous

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



17.8696, 21.5109, 23.5517



18.2223, 21.5109, 27.6177



19.1662, 21.5109, 30.8320

Triad

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



18.2223, 21.5109, 27.6177



22.8913, 21.5109, 27.3676



20.4002, 21.5109, 16.5262

Complementary

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



18.2223, 21.5109, 27.6177



17.7026, 16.0716, 13.7249

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.



21.7805, 21.5109, 17.3055



18.2223, 21.5109, 27.6177



23.2577, 21.5109, 23.2922

Square

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



18.2223, 21.5109, 27.6177



21.8624, 21.5109, 30.6764



22.8425, 21.5109, 19.6738



19.0911, 21.5109, 17.4117

Rectangle

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



18.2223, 21.5109, 27.6177



20.0255, 21.5109, 31.8931



22.8425, 21.5109, 19.6738



20.8713, 21.5109, 16.6013

Sweetspot

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



18.2229, 21.5118, 27.6182



39.9447, 43.5770, 50.0489



16.7074, 22.0373, 16.1486



9.0812, 9.9584, 11.5230



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.



18.2229, 21.5118, 27.6182



30.7796, 37.1793, 49.2970



15.6831, 16.4321, 26.7716



5.1217, 5.5863, 6.4142



10.5015, 14.2734, 24.2472



0.0765, 0.1084, 0.1633

Inverse Universe

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



19.3187, 15.9461, 24.6148



33.0831, 25.7417, 42.9249



19.9707, 20.6076, 14.4809



5.2080, 5.1187, 6.1840



12.7875, 6.2251, 17.1831



0.0884, 0.0427, 0.1322

Previews

White Background



This preview shows how the XYZ color 18.2223, 21.5109, 27.6177 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 18.2223, 21.5109, 27.6177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

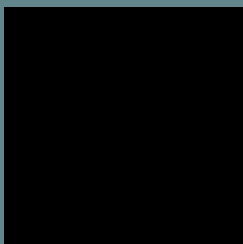
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.2223, 21.5109, 27.6177

Background



This preview shows how black text looks on a background with the XYZ color 18.2223, 21.5109, 27.6177.



This preview shows how white text looks on a background with the XYZ color 18.2223, 21.5109,

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

18.2223, 21.5109, 27.6177

Protanopia

20.8646, 21.5172, 25.9752

Deuteranopia

21.6882, 21.3249, 28.1723



Tritanopia

18.5672, 21.4413, 29.5456

Trichromacy



Original Color

18.2223, 21.5109, 27.6177

Protanomaly

19.7627, 21.5247, 26.4056

Deuteranomaly

20.1985, 21.3249, 27.8625

Tritanomaly

18.4156, 21.3807, 28.7475

Monochromacy



Original Color

18.2223, 21.5109, 27.6177

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.7519, 20.6682, 23.7699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2223, 21.5109, 27.6177 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, 134, 139) looks like.

```
.text, #text, p{  
    color:rgb(98, 134, 139)  
}
```

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, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 18.2223, 21.5109, 27.6177 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, 134, 139) }
```


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

```
.border{ border-color:rgb(98, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(98, 134,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2223, 21.5109, 27.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 134, 139) }
```

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

```
.background{ background-color: rgb(98, 134,  
139) }
```

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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