

Converting Colors

XYZ(23.1945, 26.3550, 27.1609)

Have a look what the booklet for
XYZ(23.1945, 26.3550, 27.1609)
contains.

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Color

**XYZ(23.1696, 26.2361,
27.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9088
RGB	127, 144, 136
RGB Percent	50%, 56%, 53%
CMY	0.5020, 0.4353, 0.4667
CMYK	0.12, 0.00, 0.06, 0.44
HSL	152°, 7%, 53%
HSV	152°, 12%, 56%
XYZ	23.1696, 26.2361, 27.1355
YIQ	138.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

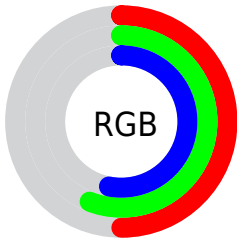
Format	Color
R_{YB}	127, 138, 144
Decimal	8360072
CIE Lab	58.26, -7.75, 2.17
CIE LCh	58, 8.046, 164.318
Yxy	26.2361, 0.3027, 0.3428
Android (android.graphics.Color)	4286550152 (0xFF7F9088)
YUV	138.0050, -0.9885, -9.6514
Hunter-Lab	51.2212, -8.8937, 4.4447

Details

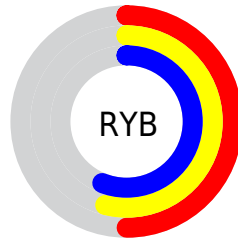
The XYZ color **23.1696, 26.2361, 27.1355** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4651, 22.8580, 26.0981**, and the grayscale version is **24.1657, 25.4242, 27.6869**.

A 20% lighter version of the original color is **48.2018, 53.7656, 55.9814**, and **8.8243, 10.2970, 10.3265** is the 20% darker color. If you saturate the color by 10%, you get **20.7099, 25.0227, 24.5853**, and if you desaturate by 10%, it is **25.9678, 27.6219, 29.8617**.

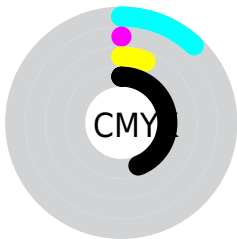
Distribution



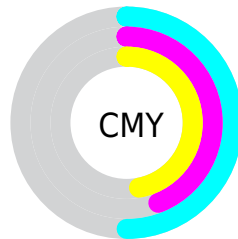
- Red (50%)
- Green (56%)
- Blue (53%)



- Red (50%)
- Yellow (54%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1696, 26.2361, 27.1355 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 23.1696, 26.2361, 27.1355 by changing the saturation by 10% instead.

■ 23.1696, 26.2361,
27.1355

■ 23.1696, 26.2361,
27.1355

261.1140,
283.9392, 302.0935

■ 14.8402, 17.0004,
17.4417

■ 48.1363, 53.6556,
56.1076

■ 8.7929, 10.2347,
10.3846

■ 65.5042, 72.6081,
76.2230

■ 4.6624, 5.5549,
5.5458

■ 86.6157, 95.5684,
100.6493

■ 2.0833, 2.5764,
2.5066

111.8361,
122.9207, 129.8050

■ 0.6801, 0.9148,
0.8437

141.5308,
155.0496, 164.1088

■ 0.0000, 0.0000,
0.0000

176.0651,

192.3394, 203.9791

215.8044,
235.1744, 249.8345

■ 23.1696, 26.2361,
27.1355

■ 23.1696, 26.2361,
27.1355

■ 20.7099, 25.0227,
24.5853

■ 25.9678, 27.6219,
29.8617

■ 18.5730, 23.9716,
22.2057

■ 29.1151, 29.1834,
32.7656

■ 16.7452, 23.0764,
19.9937

■ 32.6241, 30.9277,
35.8510

■ 15.2109, 22.3292,
17.9456

■ 36.5064, 32.8607,
39.1213

■ 13.9532, 21.7213,
16.0572

■ 40.7728, 34.9880,
42.5795

■ 12.9532, 21.2431,
14.3244

■ 45.4340, 37.3150,
46.2287

■ 12.1895, 20.8836,
12.7428

■ 50.4998, 39.8467,
50.0719

■ 11.6372, 20.6301,
11.3077

■ 55.9801, 42.5882,
54.1120

■ 11.2862, 20.4725,
10.2359

■ 61.2916, 45.2386,
58.3241

Harmonies

Analogous

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



23.6458, 26.2361, 24.8840



23.1696, 26.2361, 27.1355



23.1586, 26.2361, 29.9193

Triad

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



23.1696, 26.2361, 27.1355



25.4046, 26.2361, 34.1091



26.3064, 26.2361, 24.9669

Complementary

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



23.1696, 26.2361, 27.1355



23.4651, 22.8580, 26.0981

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.



26.8034, 26.2361, 27.2554



23.1696, 26.2361, 27.1355



26.2736, 26.2361, 32.5958

Square

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



23.1696, 26.2361, 27.1355



24.4318, 26.2361, 34.0718



26.7913, 26.2361, 30.0473



25.4484, 26.2361, 23.6889

Rectangle

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



23.1696, 26.2361, 27.1355



23.4155, 26.2361, 31.7118



26.7913, 26.2361, 30.0473



26.5222, 26.2361, 25.6367

Sweetspot

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



23.1703, 26.2372, 27.1361



44.6230, 48.1337, 51.5454



23.8315, 26.6489, 23.9668



10.1521, 10.9981, 11.7427



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.1703, 26.2372, 27.1361



39.7342, 45.7153, 46.7150



23.7177, 26.3876, 30.2301



5.4547, 6.0741, 6.3601



9.8397, 17.8318, 8.9760



0.1052, 0.1749, 0.1445

Inverse Universe

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



23.4651, 22.8580, 26.0981



40.3529, 38.6226, 44.5366



22.9592, 22.7143, 23.2533



5.5079, 5.4637, 6.1726



10.9301, 5.5291, 5.2834



0.1155, 0.0573, 0.1084

Previews

White Background



This preview shows how the XYZ color 23.1696, 26.2361, 27.1355 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 23.1696, 26.2361, 27.1355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

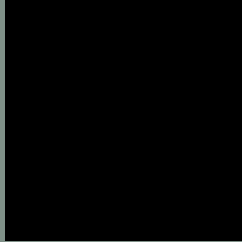
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

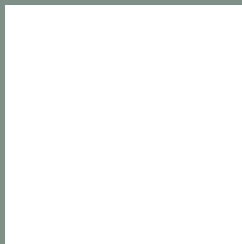
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1696, 26.2361, 27.1355

Background



This preview shows how black text looks on a background with the XYZ color 23.1696, 26.2361, 27.1355.



This preview shows how white text looks on a background with the XYZ color 23.1696, 26.2361,

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

23.1696, 26.2361, 27.1355

Protanopia

24.9679, 26.0880, 25.9098

Deuteranopia

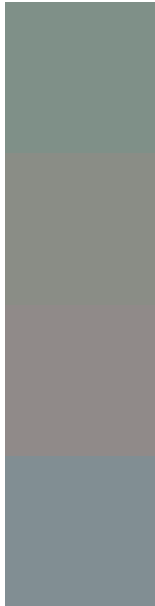
26.5778, 26.0329, 27.6688



Tritanopia

24.4806, 26.0955, 33.8837

Trichromacy



Original Color

23.1696, 26.2361, 27.1355

Protanomaly

24.3092, 26.1743, 26.3252

Deuteranomaly

25.1054, 25.9124, 27.3453

Tritanomaly

23.9927, 26.1197, 31.3808

Monochromacy



Original Color

23.1696, 26.2361, 27.1355

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7250, 25.6306, 27.3637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1696, 26.2361, 27.1355 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(127, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(127, 144, 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(127, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 144, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.1696, 26.2361, 27.1355 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(127, 144, 136) }
```


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

```
.border{ border-color:rgb(127, 144, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 144, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 144, 136);  
box-shadow:4px 4px 4px 4px rgb(127, 144,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1696, 26.2361, 27.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 144, 136) }
```

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

```
.background{ background-color: rgb(127,  
144, 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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