

Converting Colors

XYZ(22.6555, 23.6472, 25.4104)

Have a look what the booklet for
XYZ(22.6555, 23.6472, 25.4104)
contains.

XYZ(22.6128, 23.6194, 25.5575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(22.6128, 23.6194,
25.5575)**

Conversions

Conversions Part 1

Format	Color
Hex	878585
RGB	135, 133, 133
RGB Percent	53%, 52%, 52%
CMY	0.4706, 0.4784, 0.4784
CMYK	0.00, 0.01, 0.01, 0.47
HSL	0°, 1%, 53%
HSV	0°, 1%, 53%
XYZ	22.6128, 23.6194, 25.5575
YIQ	133.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

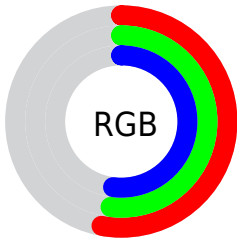
Format	Color
R _Y B	135, 133, 133
Decimal	8881541
CIE Lab	55.70, 0.75, 0.26
CIE LCh	56, 0.790, 18.970
Yxy	23.6194, 0.3150, 0.3290
Android (android.graphics.Color)	4287071621 (0xFF878585)
YUV	133.5980, -0.2948, 1.2296
Hunter-Lab	48.5998, -1.9961, 2.8406

Details

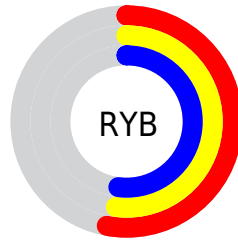
The XYZ color **22.6128, 23.6194, 25.5575** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7100, 24.0634, 26.3696**, and the grayscale version is **22.5138, 23.6863, 25.7944**.

A 20% lighter version of the original color is **47.1609, 49.3543, 53.4951**, and **8.5169, 8.9120, 9.6588** is the 20% darker color. If you saturate the color by 10%, you get **20.0105, 19.8126, 20.3805**, and if you desaturate by 10%, it is **25.5733, 27.9503, 31.4460**.

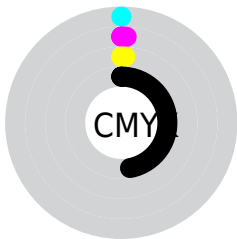
Distribution



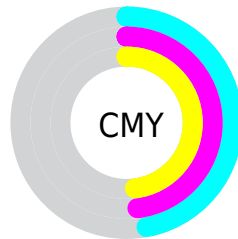
- Red (53%)
- Green (52%)
- Blue (52%)



- Red (53%)
- Yellow (52%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (47%)



- Cyan (47%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6128, 23.6194, 25.5575 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 22.6128, 23.6194, 25.5575 by changing the saturation by 10% instead.

■ 22.6128, 23.6194,
25.5575

■ 22.6128, 23.6194,
25.5575

258.3026,
270.8906, 294.1391

■ 14.4270, 15.0515,
16.2701

■ 47.2281, 49.4084,
53.5355

■ 8.5019, 8.8556,
9.5591

■ 64.3883, 67.3983,
73.0632

■ 4.4722, 4.6471,
5.0058

■ 85.2707, 89.2977,
96.8414

■ 1.9726, 2.0417,
2.1919

110.2406,
115.4910, 125.2887

■ 0.6185, 0.6315,
0.6697

139.6634,
146.3625, 158.8235

■ 0.0000, 0.0000,
0.0000

173.9044,

182.2967, 197.8645

213.3290,
223.6779, 242.8302

■ 22.6128, 23.6194,
25.5575

■ 22.6128, 23.6194,
25.5575

■ 20.0105, 19.8126,
20.3805

■ 25.5733, 27.9503,
31.4460

■ 17.7510, 16.5069,
15.8865

■ 28.9029, 32.8207,
38.0699

■ 15.8206, 13.6826,
12.0476

■ 32.6142, 38.2496,
45.4539

■ 14.2039, 11.3172,
8.8331

■ 36.7190, 44.2538,
53.6209

■ 12.8844, 9.3864,
6.2101

■ 41.2282, 50.8495,
62.5932

■ 11.8441, 7.8638,
4.1425

■ 46.1526, 58.0523,
72.3919

■ 11.0627, 6.7201,
2.5904

■ 51.5024, 65.8772,
83.0375

■ 10.5177, 5.9220,
1.5085

■ 57.2875, 74.3386,
94.5497

■ 10.1823, 5.4308,
0.8436

■ 63.5175, 83.4507,
106.9474

Harmonies

Analogous

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



22.6190, 23.6194, 25.8120



22.6128, 23.6194, 25.5575



22.5628, 23.6194, 25.3472

Triad

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



22.6128, 23.6194, 25.5575



22.3199, 23.6194, 25.3951



22.4166, 23.6194, 26.2047

Complementary

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



22.6128, 23.6194, 25.5575



22.7100, 24.0634, 26.3696

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.



22.3367, 23.6194, 26.0914



22.6128, 23.6194, 25.5575



22.2809, 23.6194, 25.6233

Square

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



22.6128, 23.6194, 25.5575



22.3936, 23.6194, 25.2539



22.2871, 23.6194, 25.8782



22.5056, 23.6194, 26.1868

Rectangle

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



22.6128, 23.6194, 25.5575



22.5114, 23.6194, 25.2599



22.2871, 23.6194, 25.8782



22.3878, 23.6194, 26.1807

Sweetspot

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



22.6135, 23.6204, 25.5580



41.2402, 43.3880, 47.2495



22.7526, 23.6756, 26.2925



9.5508, 10.0482, 10.9424



65.7814, 69.2071, 75.3665

Same Dimension

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



22.6135, 23.6204, 25.5580



40.2165, 41.8904, 45.2131



22.7507, 23.8948, 25.6038



5.1093, 5.3278, 5.7562



9.2153, 4.7531, 0.4317



0.0320, 0.0165, 0.0015

Inverse Universe

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



22.7100, 24.0634, 26.3696



40.4542, 42.9815, 47.2125



22.5714, 23.7863, 26.3235



5.1362, 5.4512, 5.9822



12.0013, 17.5504, 23.8917



0.0416, 0.0609, 0.0828

Previews

White Background



This preview shows how the XYZ color 22.6128, 23.6194, 25.5575 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 22.6128, 23.6194, 25.5575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

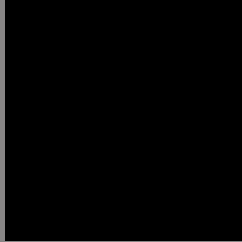
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6128, 23.6194, 25.5575

Background



This preview shows how black text looks on a background with the XYZ color 22.6128, 23.6194, 25.5575.



This preview shows how white text looks on a background with the XYZ color 22.6128, 23.6194,

25.5575.

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

22.6128, 23.6194, 25.5575

Protanopia

22.7745, 23.7028, 25.5650

Deuteranopia

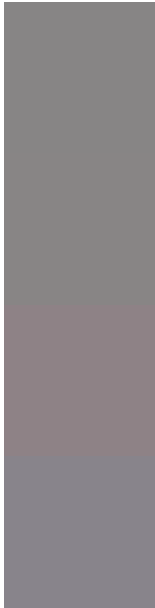
24.0074, 23.5327, 25.8312



Tritanopia

23.2871, 23.6898, 28.9364

Trichromacy



Original Color

22.6128, 23.6194, 25.5575

Protanomaly

22.7745, 23.7028, 25.5650

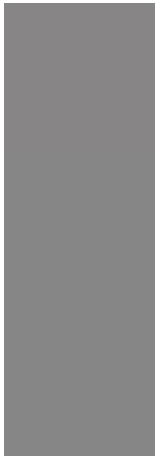
Deuteranomaly

23.4410, 23.4373, 25.8426

Tritanomaly

23.0648, 23.6008, 27.7659

Monochromacy



Original Color

22.6128, 23.6194, 25.5575

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.6597, 23.8398, 25.9615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6128, 23.6194, 25.5575 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(135, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(135, 133, 133)  
}
```

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(135, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 22.6128, 23.6194, 25.5575 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(135, 133, 133) }
```

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

```
.border{ border-color:rgb(135, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(135, 133,  
133) }
```


Background

The CSS property to change the background color of an element to XYZ 22.6128, 23.6194, 25.5575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 133, 133) }
```

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

```
.background{ background-color: rgb(135,  
133, 133) }
```

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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