

Converting Colors

XYZ(20.6089, 23.0007, 25.3630)

Have a look what the booklet for
XYZ(20.6089, 23.0007, 25.3630)
contains.

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Color

**XYZ(20.6433, 23.0145,
25.5445)**

Conversions

Conversions Part 1

Format	Color
Hex	788785
RGB	120, 135, 133
RGB Percent	47%, 53%, 52%
CMY	0.5294, 0.4706, 0.4784
CMYK	0.11, 0.00, 0.01, 0.47
HSL	172°, 6%, 50%
HSV	172°, 11%, 53%
XYZ	20.6433, 23.0145, 25.5445
YIQ	130.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

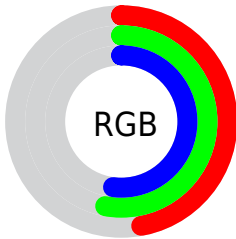
Format	Color
R_{YB}	120, 128, 135
Decimal	7899013
CIE Lab	55.09, -5.86, -0.79
CIE LCh	55, 5.913, 187.645
Yxy	23.0145, 0.2983, 0.3326
Android (android.graphics.Color)	4286089093 (0xFF788785)
YUV	130.2870, 1.3375, -9.0217
Hunter-Lab	47.9734, -7.1437, 2.0111

Details

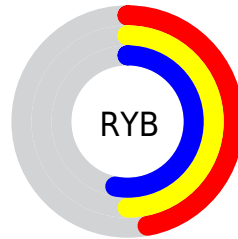
The XYZ color **20.6433, 23.0145, 25.5445** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2218, 19.9895, 21.2059**, and the grayscale version is **21.3177, 22.4279, 24.4240**.

A 20% lighter version of the original color is **43.8594, 48.2823, 53.4621**, and **7.4473, 8.4767, 9.6312** is the 20% darker color. If you saturate the color by 10%, you get **18.7782, 22.0679, 24.8133**, and if you desaturate by 10%, it is **22.7759, 24.1000, 26.3003**.

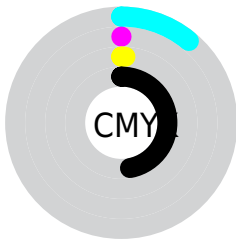
Distribution



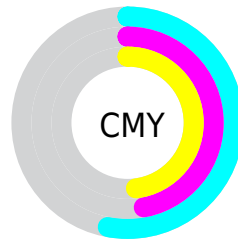
- Red (47%)
- Green (53%)
- Blue (52%)



- Red (47%)
- Yellow (50%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6433, 23.0145, 25.5445 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 20.6433, 23.0145, 25.5445 by changing the saturation by 10% instead.

■ 20.6433, 23.0145,
25.5445

■ 20.6433, 23.0145,
25.5445

248.1445,
267.7995, 294.0728

■ 12.9745, 14.6042,
16.2605

■ 43.9889, 48.4171,
53.5142

■ 7.4879, 8.5421,
9.5523

■ 60.3964, 66.1783,
73.0370

■ 3.8181, 4.4437,
5.0015

■ 80.4475, 87.8252,
96.8098

■ 1.5997, 1.9247,
2.1894

104.5075,
113.7422, 125.2512

■ 0.3922, 0.5632,
0.6682

132.9419,
144.3137, 158.7796

■ 0.0000, 0.0000,
0.0000

166.1159,

179.9242, 197.8137

204.3950,
220.9580, 242.7719

■ 20.6433, 23.0145,
25.5445

■ 20.6433, 23.0145,
25.5445

■ 18.7782, 22.0679,
24.8133

■ 22.7759, 24.1000,
26.3003

■ 17.1675, 21.2516,
24.1047

■ 25.1843, 25.3269,
27.0797

■ 15.8003, 20.5605,
23.4185

■ 27.8791, 26.7010,
27.8838

■ 14.6637, 19.9881,
22.7541

■ 30.8694, 28.2274,
28.7130

■ 13.7440, 19.5273,
22.1107

■ 34.1643, 29.9104,
29.5679

■ 13.0257, 19.1700,
21.4877

■ 37.7722, 31.7546,
30.4488

■ 12.4915, 18.9074,
20.8841

■ 41.7014, 33.7641,
31.3562

■ 12.1210, 18.7290,
20.2989

■ 45.9596, 35.9431,
32.2906

■ 11.8744, 18.6129,
19.7917

■ 50.5545, 38.2953,
33.2522

Harmonies

Analogous

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



20.7241, 23.0145, 23.7046



20.6433, 23.0145, 25.5445



20.8871, 23.0145, 27.3400

Triad

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



20.6433, 23.0145, 25.5445



22.6572, 23.0145, 28.0418



22.3598, 23.0145, 21.8520

Complementary

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



20.6433, 23.0145, 25.5445



20.2218, 19.9895, 21.2059

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.



22.8927, 23.0145, 22.9083



20.6433, 23.0145, 25.5445



23.0668, 23.0145, 26.4638

Square

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



20.6433, 23.0145, 25.5445



22.0435, 23.0145, 28.8281



23.1539, 23.0145, 24.5795



21.7065, 23.0145, 21.6334

Rectangle

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



20.6433, 23.0145, 25.5445



21.2038, 23.0145, 28.2493



23.1539, 23.0145, 24.5795



22.5593, 23.0145, 22.1182

Sweetspot

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



20.6440, 23.0155, 25.5450



40.0006, 42.7569, 46.8286



20.1163, 22.8409, 21.1180



9.1952, 9.8672, 10.8213



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.6440, 23.0155, 25.5450



36.1997, 40.8240, 45.4549



20.0690, 21.6419, 26.0425



4.7756, 5.2685, 5.8295



10.9526, 17.1639, 18.2678



0.0398, 0.0602, 0.0730

Inverse Universe

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



20.2218, 19.9895, 21.2059



35.3087, 34.4365, 36.2959



20.7479, 21.2383, 20.7754



4.6960, 4.6981, 5.0116



9.3176, 4.7914, 0.9788



0.0338, 0.0172, 0.0113

Previews

White Background



This preview shows how the XYZ color 20.6433, 23.0145, 25.5445 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 20.6433, 23.0145, 25.5445 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

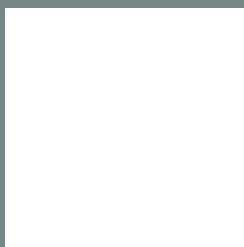
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6433, 23.0145, 25.5445

Background



This preview shows how black text looks on a background with the XYZ color 20.6433, 23.0145, 25.5445.



This preview shows how white text looks on a background with the XYZ color 20.6433, 23.0145,

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

20.6433, 23.0145, 25.5445

Protanopia

22.0445, 22.9396, 24.7386

Deuteranopia

23.4200, 23.0273, 26.1320



Tritanopia

21.4476, 22.9262, 29.6804

Trichromacy



Original Color

20.6433, 23.0145, 25.5445

Protanomaly

21.4694, 22.8356, 25.1059

Deuteranomaly

22.4110, 23.1047, 25.8327

Tritanomaly

21.1439, 23.0086, 28.1376

Monochromacy



Original Color

20.6433, 23.0145, 25.5445

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.9522, 22.5768, 24.7262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6433, 23.0145, 25.5445 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(120, 135, 133)` looks like.

```
.text, #text, p{  
    color:rgb(120, 135, 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(120, 135, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 135, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.6433, 23.0145, 25.5445 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(120, 135, 133) }
```


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

```
.border{ border-color:rgb(120, 135, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 135, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 135, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 135, 133);  
box-shadow:4px 4px 4px 4px rgb(120, 135,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6433, 23.0145, 25.5445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 135, 133) }
```

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

```
.background{ background-color: rgb(120,  
135, 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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