

Converting Colors

XYZ(20.6765, 23.2022, 25.7473)

Have a look what the booklet for
XYZ(20.6765, 23.2022, 25.7473)
contains.

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Color

**XYZ(20.6455, 23.2237,
25.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	778885
RGB	119, 136, 133
RGB Percent	47%, 53%, 52%
CMY	0.5333, 0.4667, 0.4784
CMYK	0.13, 0.00, 0.02, 0.47
HSL	169°, 7%, 50%
HSV	169°, 13%, 53%
XYZ	20.6455, 23.2237, 25.5848
YIQ	130.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

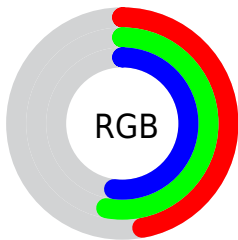
Format	Color
R_{YB}	119, 128, 136
Decimal	7833733
CIE _{Lab}	55.30, -6.78, -0.48
CIE _{LCh}	55, 6.793, 184.063
Yxy	23.2237, 0.2973, 0.3344
Android (android.graphics.Color)	4286023813 (0xFF778885)
YUV	130.5750, 1.1955, -10.1513
Hunter-Lab	48.1910, -7.8630, 2.2564

Details

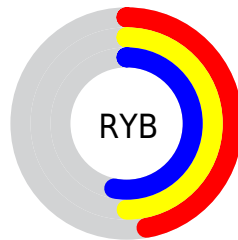
The XYZ color **20.6455, 23.2237, 25.5848** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2638, 19.8335, 21.1735**, and the grayscale version is **21.4207, 22.5362, 24.5420**.

A 20% lighter version of the original color is **43.8551, 48.5983, 53.5234**, and **7.4538, 8.5978, 9.6542** is the 20% darker color. If you saturate the color by 10%, you get **18.7471, 22.2646, 24.6402**, and if you desaturate by 10%, it is **22.8162, 24.3240, 26.5630**.

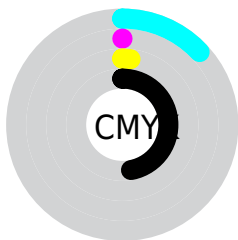
Distribution



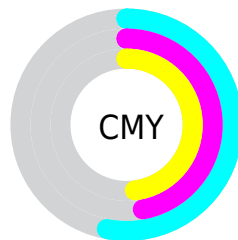
- Red (47%)
- Green (53%)
- Blue (52%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6455, 23.2237, 25.5848 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 20.6455, 23.2237, 25.5848 by changing the saturation by 10% instead.

■ 20.6455, 23.2237,
25.5848

■ 20.6455, 23.2237,
25.5848

248.1560,
268.8719, 294.2782

■ 12.9761, 14.7588,
16.2903

■ 43.9925, 48.7604,
53.5802

■ 7.4890, 8.6503,
9.5732

■ 60.4009, 66.6009,
73.1182

■ 3.8188, 4.5138,
5.0151

■ 80.4529, 88.3355,
96.9078

■ 1.6001, 1.9649,
2.1972

104.5140,
114.3484, 125.3675

■ 0.3925, 0.5870,
0.6728

132.9495,
145.0241, 158.9158

■ 0.0000, 0.0000,
0.0000

166.1248,

180.7470, 197.9714

204.4052,
221.9015, 242.9527

■ 20.6455, 23.2237,
25.5848

■ 20.6455, 23.2237,
25.5848

■ 18.7471, 22.2646,
24.6402

■ 22.8162, 24.3240,
26.5630

■ 17.1076, 21.4380,
23.7268

■ 25.2677, 25.5680,
27.5737

■ 15.7157, 20.7385,
22.8446

■ 28.0110, 26.9619,
28.6182

■ 14.5581, 20.1594,
21.9928

■ 31.0554, 28.5106,
29.6969

■ 13.6206, 19.6933,
21.1706

■ 34.4101, 30.2189,
30.8105

■ 12.8873, 19.3321,
20.3770

■ 38.0840, 32.0912,
31.9595

■ 12.3400, 19.0663,
19.6112

■ 42.0852, 34.1318,
33.1443

■ 11.9576, 18.8851,
18.8719

■ 46.4220, 36.3450,
34.3655

■ 11.7286, 18.7788,
18.3326

■ 51.1021, 38.7347,
35.6236

Harmonies

Analogous

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



20.7833, 23.2237, 23.4973



20.6455, 23.2237, 25.5848



20.8830, 23.2237, 27.7077

Triad

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



20.6455, 23.2237, 25.5848



22.9034, 23.2237, 28.9204



22.7198, 23.2237, 21.7015

Complementary

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



20.6455, 23.2237, 25.5848



20.2638, 19.8335, 21.1735

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.



23.3082, 23.2237, 23.0109



20.6455, 23.2237, 25.5848



23.4159, 23.2237, 27.1646

Square

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



20.6455, 23.2237, 25.5848



22.1773, 23.2237, 29.7023



23.5657, 23.2237, 24.9908



21.9699, 23.2237, 21.3319

Rectangle

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



20.6455, 23.2237, 25.5848



21.2256, 23.2237, 28.8345



23.5657, 23.2237, 24.9908



22.9436, 23.2237, 22.0425

Sweetspot

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



20.6462, 23.2247, 25.5853



39.5680, 42.5400, 46.5325



20.1772, 23.0873, 20.8459



9.1009, 9.8201, 10.7490



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.



20.6462, 23.2247, 25.5853



35.3903, 40.4245, 44.6106



20.1172, 21.8301, 26.4471



5.1356, 5.6737, 6.2350



11.1033, 17.7739, 17.3663



0.0784, 0.1199, 0.1396

Inverse Universe

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



20.2638, 19.8335, 21.1735



34.5799, 33.2364, 35.2597



20.7396, 21.0784, 20.4284



5.0666, 5.0621, 5.4392



9.7687, 5.0176, 1.2861



0.0688, 0.0349, 0.0290

Previews

White Background



This preview shows how the XYZ color 20.6455, 23.2237, 25.5848 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 20.6455, 23.2237, 25.5848 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

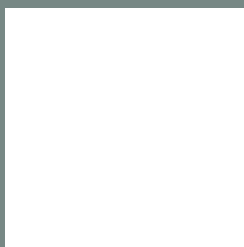
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6455, 23.2237, 25.5848

Background



This preview shows how black text looks on a background with the XYZ color 20.6455, 23.2237, 25.5848.



This preview shows how white text looks on a background with the XYZ color 20.6455, 23.2237,

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

20.6455, 23.2237, 25.5848

Protanopia

22.2722, 23.2651, 24.4358

Deuteranopia

23.5939, 23.1169, 26.1401



Tritanopia

21.5211, 23.1595, 30.1240

Trichromacy



Original Color

20.6455, 23.2237, 25.5848

Protanomaly

21.5375, 23.0809, 24.7926

Deuteranomaly

22.4110, 23.1047, 25.8327

Tritanomaly

21.2174, 23.2441, 28.5676

Monochromacy



Original Color

20.6455, 23.2237, 25.5848

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.3048, 22.9530, 25.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6455, 23.2237, 25.5848 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(119, 136, 133)` looks like.

```
.text, #text, p{  
    color:rgb(119, 136, 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(119, 136, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 136, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.6455, 23.2237, 25.5848 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(119, 136, 133) }
```


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

```
.border{ border-color:rgb(119, 136, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 136, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 136, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 136, 133);  
box-shadow:4px 4px 4px 4px rgb(119, 136,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6455, 23.2237, 25.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 136, 133) }
```

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

```
.background{ background-color: rgb(119,  
136, 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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