

Converting Colors

XYZ(20.5314, 23.1213, 24.7456)

Have a look what the booklet for
XYZ(20.5314, 23.1213, 24.7456)
contains.

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Color

**XYZ(20.6466, 23.2401,
24.8703)**

Conversions

Conversions Part 1

Format	Color
Hex	788883
RGB	120, 136, 131
RGB Percent	47%, 53%, 51%
CMY	0.5294, 0.4667, 0.4863
CMYK	0.12, 0.00, 0.04, 0.47
HSL	161°, 6%, 50%
HSV	161°, 12%, 53%
XYZ	20.6466, 23.2401, 24.8703
YIQ	130.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

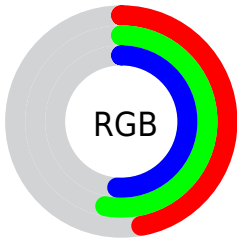
Format	Color
R_{YB}	120, 129, 136
Decimal	7899267
CIE _{Lab}	55.32, -6.84, 0.71
CIE _{LCh}	55, 6.879, 174.098
Yxy	23.2401, 0.3003, 0.3380
Android (android.graphics.Color)	4286089347 (0xFF788883)
YUV	130.6460, 0.1745, -9.3365
Hunter-Lab	48.2080, -7.9157, 3.1581

Details

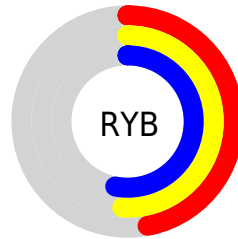
The XYZ color **20.6466, 23.2401, 24.8703** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.5723, 20.1484, 22.2078**, and the grayscale version is **21.4492, 22.5662, 24.5746**.

A 20% lighter version of the original color is **43.8626, 48.6265, 52.4215**, and **7.4493, 8.6044, 9.2508** is the 20% darker color. If you saturate the color by 10%, you get **18.6106, 22.2238, 23.3019**, and if you desaturate by 10%, it is **22.9636, 24.4012, 26.5145**.

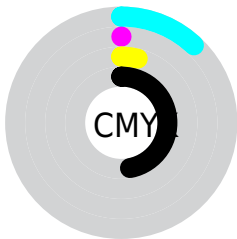
Distribution



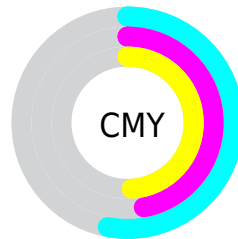
- Red (47%)
- Green (53%)
- Blue (51%)



- Red (47%)
- Yellow (51%)
- Blue (53%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6466, 23.2401, 24.8703 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 20.6466, 23.2401, 24.8703 by changing the saturation by 10% instead.

■ 20.6466, 23.2401,
24.8703

■ 20.6466, 23.2401,
24.8703

248.1618,
268.9558, 290.6184

■ 12.9769, 14.7709,
15.7623

■ 43.9944, 48.7873,
52.4082

■ 7.4895, 8.6588,
9.2036

■ 60.4031, 66.6340,
71.6753

■ 3.8191, 4.5193,
4.7756

■ 80.4556, 88.3754,
95.1657

■ 1.6003, 1.9681,
2.0598

104.5173,
114.3959, 123.2982

■ 0.3926, 0.5888,
0.5917

132.9533,
145.0797, 156.4911

■ 0.0000, 0.0000,
0.0000

166.1292,

180.8114, 195.1631

204.4102,
221.9753, 239.7327

■ 20.6466, 23.2401,
24.8703

■ 20.6466, 23.2401,
24.8703

■ 18.6106, 22.2238,
23.3019

■ 22.9636, 24.4012,
26.5145

■ 16.8424, 21.3435,
21.8066

■ 25.5705, 25.7098,
28.2343

■ 15.3304, 20.5940,
20.3835

■ 28.4780, 27.1719,
30.0313

■ 14.0615, 19.9684,
19.0314

■ 31.6957, 28.7925,
31.9067

■ 13.0213, 19.4595,
17.7486

■ 35.2329, 30.5764,
33.8615

■ 12.1939, 19.0590,
16.5338

■ 39.0984, 32.5280,
35.8970

■ 11.5614, 18.7577,
15.3852

■ 43.3006, 34.6518,
38.0140

■ 11.1025, 18.5446,
14.3010

■ 47.8477, 36.9520,
40.2137

■ 10.8021, 18.4082,
13.4537

■ 52.7475, 39.4325,
42.4971

Harmonies

Analogous

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



20.9095, 23.2401, 22.8950



20.6466, 23.2401, 24.8703



20.7628, 23.2401, 27.0784

Triad

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



20.6466, 23.2401, 24.8703



22.7000, 23.2401, 29.3826



22.9700, 23.2401, 22.0181

Complementary

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



20.6466, 23.2401, 24.8703



20.5723, 20.1484, 22.2078

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.



23.4705, 23.2401, 23.6099



20.6466, 23.2401, 24.8703



23.3121, 23.2401, 27.8775

Square

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



20.6466, 23.2401, 24.8703



21.9369, 23.2401, 29.7683



23.5971, 23.2401, 25.7438



22.2419, 23.2401, 21.3109

Rectangle

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



20.6466, 23.2401, 24.8703



21.0411, 23.2401, 28.3763



23.5971, 23.2401, 25.7438



23.1712, 23.2401, 22.4628

Sweetspot

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



20.6473, 23.2411, 24.8708



39.4745, 42.5026, 46.0400



20.6622, 23.3304, 21.1838



9.0757, 9.8100, 10.6162



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.



20.6473, 23.2411, 24.8708



35.4281, 40.4772, 43.1136



20.5871, 22.5649, 26.5642



5.1074, 5.6624, 6.0865



10.2277, 17.4237, 12.7555



0.0746, 0.1184, 0.1196

Inverse Universe

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



20.5723, 20.1484, 22.2078



35.2704, 33.9635, 37.5054



20.6189, 20.7403, 20.6861



5.0931, 5.0727, 5.5787



10.0180, 5.1173, 2.5990



0.0726, 0.0364, 0.0490

Previews

White Background



This preview shows how the XYZ color 20.6466, 23.2401, 24.8703 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 20.6466, 23.2401, 24.8703 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

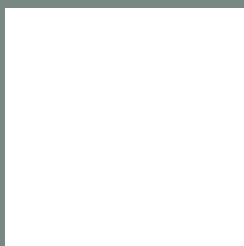
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6466, 23.2401, 24.8703

Background



This preview shows how black text looks on a background with the XYZ color 20.6466, 23.2401, 24.8703.



This preview shows how white text looks on a background with the XYZ color 20.6466, 23.2401,

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

20.6466, 23.2401, 24.8703

Protanopia

22.2054, 23.2384, 24.0840

Deuteranopia

23.6299, 23.1515, 25.4136



Tritanopia

21.6620, 23.2321, 30.1306

Trichromacy



Original Color

20.6466, 23.2401, 24.8703

Protanomaly

21.6227, 23.1326, 24.4445

Deuteranomaly

22.4345, 23.1328, 25.1124

Tritanomaly

21.2828, 23.2863, 28.1839

Monochromacy



Original Color

20.6466, 23.2401, 24.8703

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2367, 22.9258, 24.7786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6466, 23.2401, 24.8703 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, 136, 131)` looks like.

```
.text, #text, p{  
    color:rgb(120, 136, 131)  
}
```

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, 136, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 136, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.6466, 23.2401, 24.8703 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, 136, 131) }
```


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

```
.border{ border-color:rgb(120, 136, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 136, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 136, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 136, 131);  
box-shadow:4px 4px 4px 4px rgb(120, 136,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6466, 23.2401, 24.8703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 136, 131) }
```

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

```
.background{ background-color: rgb(120,  
136, 131) }
```

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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