

Converting Colors

XYZ(20.5233, 20.3217, 23.1639)

Have a look what the booklet for
XYZ(20.5233, 20.3217, 23.1639)
contains.

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Color

**XYZ(20.5652, 20.3016,
23.2568)**

Conversions

Conversions Part 1

Format	Color
Hex	867980
RGB	134, 121, 128
RGB Percent	53%, 47%, 50%
CMY	0.4745, 0.5255, 0.4980
CMYK	0.00, 0.10, 0.04, 0.47
HSL	328°, 5%, 50%
HSV	328°, 10%, 53%
XYZ	20.5652, 20.3016, 23.2568
YIQ	125.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

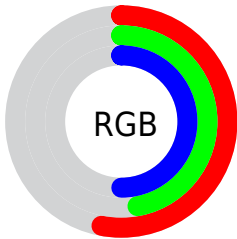
Format	Color
R_{YB}	134, 121, 128
Decimal	8812928
CIE Lab	52.18, 6.31, -2.01
CIE LCh	52, 6.618, 342.345
Yxy	20.3016, 0.3207, 0.3166
Android (android.graphics.Color)	4287003008 (0xFF867980)
YUV	125.6850, 1.1413, 7.2923
Hunter-Lab	45.0573, 2.6213, 0.9369

Details

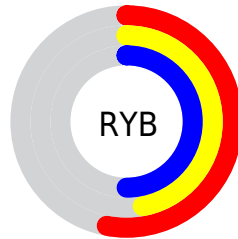
The XYZ color **20.5652, 20.3016, 23.2568** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2418, 22.6480, 23.3844**, and the grayscale version is **19.7197, 20.7467, 22.5932**.

A 20% lighter version of the original color is **43.7776, 43.7881, 49.8607**, and **7.3848, 7.0841, 8.3753** is the 20% darker color. If you saturate the color by 10%, you get **18.6539, 17.1106, 20.6719**, and if you desaturate by 10%, it is **22.7287, 23.9568, 26.0488**.

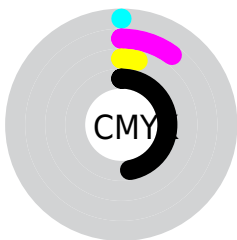
Distribution



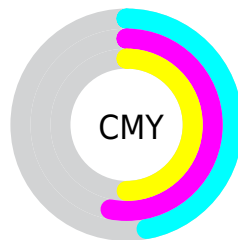
- Red (53%)
- Green (47%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5652, 20.3016, 23.2568 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 20.5652, 20.3016, 23.2568 by changing the saturation by 10% instead.

■ 20.5652, 20.3016,
23.2568

■ 20.5652, 20.3016,
23.2568

247.7343,
253.5432, 282.2058

■ 12.9172, 12.6145,
14.5762

■ 43.8595, 43.9223,
49.7432

■ 7.4482, 7.1636,
8.3792

■ 60.2366, 60.6246,
68.3860

■ 3.7927, 3.5646,
4.2473

■ 80.2540, 81.1008,
91.1866

■ 1.5856, 1.4331,
1.7620

104.2771,
105.7352, 118.5636

■ 0.3830, 0.2410,
0.4027

132.6714,
134.9122, 150.9355

■ 0.0000, 0.0000,
0.0000

165.8021,

169.0163, 188.7208

204.0346,
208.4319, 232.3380

■ 20.5652, 20.3016,
23.2568

■ 20.5652, 20.3016,
23.2568

■ 18.6539, 17.1106,
20.6719

■ 22.7287, 23.9568,
26.0488

■ 16.9833, 14.3623,
18.2873

■ 25.1519, 28.0911,
29.0517

■ 15.5437, 12.0377,
16.0978

■ 27.8440, 32.7221,
32.2708

■ 14.3240, 10.1153,
14.0974

■ 30.8133, 37.8657,
35.7111

■ 13.3120, 8.5714,
12.2797

■ 34.0676, 43.5372,
39.3769

■ 12.4944, 7.3803,
10.6379

■ 37.6146, 49.7511,
43.2729

■ 11.8561, 6.5127,
9.1643

■ 41.4617, 56.5213,
47.4033

■ 11.3797, 5.9347,
7.8506

■ 45.6157, 63.8613,
51.7723

■ 11.0165, 5.5493,
6.6778

■ 50.0836, 71.7843,
56.3839

Harmonies

Analogous

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



20.1876, 20.3016, 24.9810



20.5652, 20.3016, 23.2568



20.5978, 20.3016, 21.3163

Triad

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



20.5652, 20.3016, 23.2568



19.0187, 20.3016, 18.6546



18.3485, 20.3016, 24.7166

Complementary

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



20.5652, 20.3016, 23.2568



20.2418, 22.6480, 23.3844

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.



18.0503, 20.3016, 22.9129



20.5652, 20.3016, 23.2568



18.4312, 20.3016, 19.4587

Square

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



20.5652, 20.3016, 23.2568



19.6942, 20.3016, 18.7346



18.0802, 20.3016, 20.9919



18.9034, 20.3016, 25.8571

Rectangle

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



20.5652, 20.3016, 23.2568



20.4186, 20.3016, 20.1670



18.0802, 20.3016, 20.9919



18.2155, 20.3016, 24.1633

Sweetspot

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



20.5658, 20.3025, 23.2572



38.7119, 39.9486, 44.1979



19.8713, 19.8975, 25.3479



8.6572, 8.8914, 9.8749



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.5658, 20.3025, 23.2572



35.3290, 34.2520, 39.7740



20.1608, 20.1405, 21.1248



4.7696, 4.7275, 5.3989



10.3196, 5.1922, 6.2553



0.0394, 0.0195, 0.0411

Inverse Universe

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



20.5658, 20.3025, 23.2572



35.3290, 34.2520, 39.7740



20.6688, 22.8188, 25.6328



4.7696, 4.7275, 5.3989



10.3196, 5.1922, 6.2553



0.0394, 0.0195, 0.0411

Previews

White Background



This preview shows how the XYZ color 20.5652, 20.3016, 23.2568 looks on a white background.

Color Contrast Check

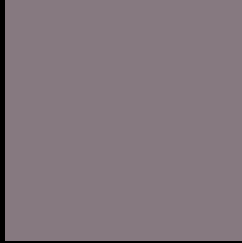
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5652, 20.3016, 23.2568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

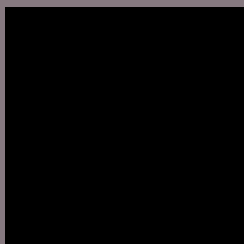
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5652, 20.3016, 23.2568

Background



This preview shows how black text looks on a background with the XYZ color 20.5652, 20.3016, 23.2568.



This preview shows how white text looks on a background with the XYZ color 20.5652, 20.3016,

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

20.5652, 20.3016, 23.2568

Protanopia

19.6944, 20.3870, 24.0162

Deuteranopia

20.7253, 20.3842, 23.2643



Tritanopia

20.6982, 20.3548, 23.9570

Trichromacy



Original Color

20.5652, 20.3016, 23.2568

Protanomaly

19.9475, 20.3401, 23.6436

Deuteranomaly

20.7253, 20.3842, 23.2643

Tritanomaly

20.6313, 20.3281, 23.6052

Monochromacy



Original Color

20.5652, 20.3016, 23.2568

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0917, 20.6147, 22.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5652, 20.3016, 23.2568 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(134, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(134, 121, 128)  
}
```

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(134, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 20.5652, 20.3016, 23.2568 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(134, 121, 128) }
```


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

```
.border{ border-color:rgb(134, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 121, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 121, 128); box-shadow:4px 4px 4px 4px rgb(134, 121, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5652, 20.3016, 23.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 121, 128) }
```

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

```
.background{ background-color: rgb(134,  
121, 128) }
```

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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