

Converting Colors

XYZ(20.6220, 20.1919, 24.7892)

Have a look what the booklet for
XYZ(20.6220, 20.1919, 24.7892)
contains.

XYZ(20.5542, 20.0854, 24.6233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.5542, 20.0854,
24.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	857884
RGB	133, 120, 132
RGB Percent	52%, 47%, 52%
CMY	0.4784, 0.5294, 0.4824
CMYK	0.00, 0.10, 0.01, 0.48
HSL	305°, 5%, 50%
HSV	305°, 10%, 52%
XYZ	20.5542, 20.0854, 24.6233
YIQ	125.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

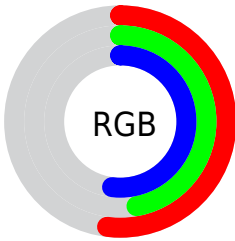
Format	Color
R_{YB}	133, 120, 132
Decimal	8747140
CIE _{Lab}	51.93, 7.30, -4.72
CIE _{LCh}	52, 8.694, 327.097
Yxy	20.0854, 0.3149, 0.3078
Android (android.graphics.Color)	4286937220 (0xFF857884)
YUV	125.2550, 3.3253, 6.7924
Hunter-Lab	44.8167, 3.4358, -1.2035

Details

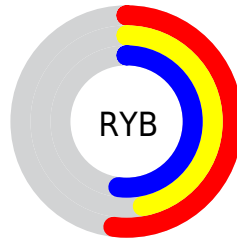
The XYZ color **20.5542, 20.0854, 24.6233** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5852, 22.1492, 21.3332**, and the grayscale version is **19.5676, 20.5866, 22.4188**.

A 20% lighter version of the original color is **43.7592, 43.4469, 51.9787**, and **7.4460, 7.0983, 9.1613** is the 20% darker color. If you saturate the color by 10%, you get **18.9950, 17.0783, 23.7599**, and if you desaturate by 10%, it is **22.3375, 23.5390, 25.5653**.

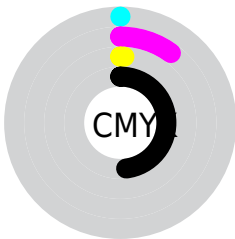
Distribution



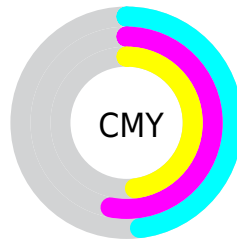
- Red (52%)
- Green (47%)
- Blue (52%)



- Red (52%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5542, 20.0854, 24.6233 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 20.5542, 20.0854, 24.6233 by changing the saturation by 10% instead.

■ 20.5542, 20.0854,
24.6233

■ 20.5542, 20.0854,
24.6233

247.6765,
252.3771, 289.3441

■ 12.9091, 12.4571,
15.5802

■ 43.8413, 43.5603,
52.0020

■ 7.4426, 7.0558,
9.0764

■ 60.2140, 60.1758,
71.1746

■ 3.7892, 3.4970,
4.6936

■ 80.2267, 80.5557,
94.5607

■ 1.5836, 1.3964,
2.0130

104.2447,
105.0846, 122.5790

■ 0.3817, 0.2141,
0.5633

132.6333,
134.1468, 155.6480

■ 0.0000, 0.0000,
0.0000

165.7579,

168.1266, 194.1861

203.9839,
207.4086, 238.6120

■ 20.5542, 20.0854,
24.6233

■ 20.5542, 20.0854,
24.6233

■ 18.9950, 17.0783,
23.7599

■ 22.3375, 23.5390,
25.5653

■ 17.6490, 14.4967,
22.9706

■ 24.3516, 27.4535,
26.5874

■ 16.5070, 12.3221,
22.2528

■ 26.6053, 31.8460,
27.6928

■ 15.5586, 10.5336,
21.6028

■ 29.1064, 36.7322,
28.8840

■ 14.7923, 9.1081,
21.0169

■ 31.8621, 42.1266,
30.1636

■ 14.1955, 8.0206,
20.4909

■ 34.8797, 48.0434,
31.5339

■ 13.7539, 7.2425,
20.0199

■ 38.1658, 54.4963,
32.9971

■ 13.4510, 6.7406,
19.5985

■ 41.7270, 61.4983,
34.5556

■ 13.2382, 6.4179,
19.2104

■ 45.5697, 69.0621,
36.2113

Harmonies

Analogous

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



19.8757, 20.0854, 26.4980



20.5542, 20.0854, 24.6233



20.8398, 20.0854, 22.1172

Triad

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



20.5542, 20.0854, 24.6233



19.1768, 20.0854, 17.3573



17.6164, 20.0854, 24.1638

Complementary

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



20.5542, 20.0854, 24.6233



19.5852, 22.1492, 21.3332

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.



17.4421, 20.0854, 21.6238



20.5542, 20.0854, 24.6233



18.3264, 20.0854, 17.8142

Square

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



20.5542, 20.0854, 24.6233



20.0293, 20.0854, 18.0302



17.6981, 20.0854, 19.3292



18.1816, 20.0854, 26.2187

Rectangle

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



20.5542, 20.0854, 24.6233



20.7625, 20.0854, 20.4688



17.6981, 20.0854, 19.3292



17.5109, 20.0854, 23.3328

Sweetspot

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



20.5548, 20.0863, 24.6237



38.9042, 40.0255, 45.2102



18.8174, 19.1827, 24.9015



8.7108, 8.9128, 10.1571



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.



20.5548, 20.0863, 24.6237



36.0738, 34.5499, 43.6958



20.1323, 19.9173, 22.3989



4.8428, 4.7568, 5.7847



12.6062, 6.1068, 18.2965



0.0448, 0.0216, 0.0694

Inverse Universe

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



20.5548, 20.0863, 24.6237



36.0738, 34.5499, 43.6958



19.9887, 22.3106, 23.4577



4.8428, 4.7568, 5.7847



12.6062, 6.1068, 18.2965



0.0448, 0.0216, 0.0694

Previews

White Background



This preview shows how the XYZ color 20.5542, 20.0854, 24.6233 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 20.5542, 20.0854, 24.6233 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 20.5542, 20.0854, 24.6233

Background



This preview shows how black text looks on a background with the XYZ color 20.5542, 20.0854, 24.6233.



This preview shows how white text looks on a background with the XYZ color 20.5542, 20.0854,

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

20.5542, 20.0854, 24.6233

Protanopia

19.5544, 20.0981, 25.4029

Deuteranopia

20.3970, 20.0044, 24.6160



Tritanopia

20.4186, 20.0312, 23.9093

Trichromacy



Original Color

20.5542, 20.0854, 24.6233

Protanomaly

19.9456, 20.1245, 25.0235

Deuteranomaly

20.3970, 20.0044, 24.6160

Tritanomaly

20.4861, 20.0582, 24.2646

Monochromacy



Original Color

20.5542, 20.0854, 24.6233

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8813, 20.3136, 23.2951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5542, 20.0854, 24.6233 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(133, 120, 132)` looks like.

```
.text, #text, p{  
    color:rgb(133, 120, 132)  
}
```

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(133, 120, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 120, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.5542, 20.0854, 24.6233 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(133, 120, 132) }
```


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

```
.border{ border-color:rgb(133, 120, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 120, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 120, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 120, 132); box-shadow:4px 4px 4px 4px rgb(133, 120, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5542, 20.0854, 24.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 120, 132) }
```

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

```
.background{ background-color: rgb(133,  
120, 132) }
```

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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