

Converting Colors

XYZ(20.9099, 21.6256, 25.7877)

Have a look what the booklet for
XYZ(20.9099, 21.6256, 25.7877)
contains.

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Color

**XYZ(20.7945, 21.4892,
25.6061)**

Conversions

Conversions Part 1

Format	Color
Hex	807F86
RGB	128, 127, 134
RGB Percent	50%, 50%, 53%
CMY	0.4980, 0.5019, 0.4745
CMYK	0.04, 0.05, 0.00, 0.47
HSL	249°, 3%, 51%
HSV	249°, 5%, 53%
XYZ	20.7945, 21.4892, 25.6061
YIQ	128.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

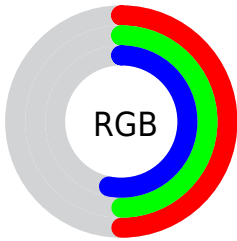
Format	Color
R_{YB}	128, 127, 134
Decimal	8421254
CIE _{Lab}	53.48, 1.80, -3.66
CIE _{LCh}	53, 4.073, 296.165
Yxy	21.4892, 0.3063, 0.3165
Android (android.graphics.Color)	4286611334 (0xFF807F86)
YUV	128.0970, 2.9102, -0.0851
Hunter-Lab	46.3564, -1.0525, -0.3007

Details

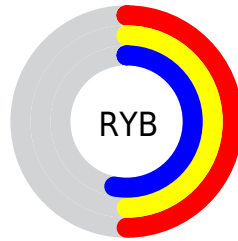
The XYZ color **20.7945, 21.4892, 25.6061** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0297, 23.5697, 23.4682**, and the grayscale version is **20.5426, 21.6124, 23.5359**.

A 20% lighter version of the original color is **44.3470, 46.0541, 53.5657**, and **7.5491, 7.7511, 9.4857** is the 20% darker color. If you saturate the color by 10%, you get **17.5463, 17.4146, 24.9912**, and if you desaturate by 10%, it is **24.4699, 26.1269, 26.3079**.

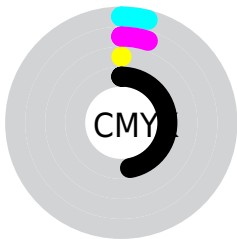
Distribution



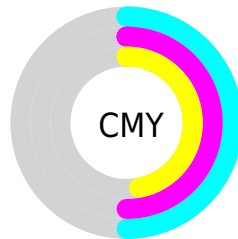
- Red (50%)
- Green (50%)
- Blue (53%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7945, 21.4892, 25.6061 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 20.7945, 21.4892, 25.6061 by changing the saturation by 10% instead.

■ 20.7945, 21.4892,
25.6061

■ 20.7945, 21.4892,
25.6061

248.9368,
259.8670, 294.3868

■ 13.0855, 13.4821,
16.3061

■ 44.2391, 45.9003,
53.6151

■ 7.5648, 7.7613,
9.5843

■ 60.7054, 63.0730,
73.1611

■ 3.8672, 3.9426,
5.0222

■ 80.8216, 84.0698,
96.9595

■ 1.6273, 1.6415,
2.2013

104.9529,
109.2749, 125.4289

■ 0.4101, 0.3853,
0.6751

133.4647,
139.0727, 158.9878

■ 0.0000, 0.0000,
0.0000

166.7224,

173.8478, 198.0547

205.0913,
213.9844, 243.0482

■ 20.7945, 21.4892,
25.6061

■ 20.7945, 21.4892,
25.6061

■ 17.5463, 17.4146,
24.9912

■ 24.4699, 26.1269,
26.3079

■ 14.7078, 13.8791,
24.4583

■ 28.5854, 31.3452,
27.0982

■ 12.2634, 10.8607,
24.0046

■ 33.1556, 37.1643,
27.9805

■ 10.1953, 8.3350,
23.6261

■ 38.1938, 43.6025,
28.9577

■ 8.4846, 6.2758,
23.3188

■ 43.7129, 50.6773,
30.0324

7.1109, 4.6542,
23.0782

49.7252, 58.4056,
31.2072

6.0512, 3.4382,
22.8993

56.2426, 66.8037,
32.4847

5.2800, 2.5911,
22.7764

63.2765, 75.8871,
33.8672

4.7634, 2.0617,
22.7015

70.8382, 85.6711,
35.3572

Harmonies

Analogous

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



20.3692, 21.4892, 25.8610



20.7945, 21.4892, 25.6061



21.1249, 21.4892, 24.7522

Triad

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



20.7945, 21.4892, 25.6061



20.8924, 21.4892, 21.4712



19.6046, 21.4892, 23.2388

Complementary

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



20.7945, 21.4892, 25.6061



22.0297, 23.5697, 23.4682

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.



19.7404, 21.4892, 22.0942



20.7945, 21.4892, 25.6061



20.4806, 21.4892, 21.0968

Square

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



20.7945, 21.4892, 25.6061



21.1819, 21.4892, 22.3614



20.0596, 21.4892, 21.3208



19.6860, 21.4892, 24.4663

Rectangle

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



20.7945, 21.4892, 25.6061



21.2447, 21.4892, 23.9734



20.0596, 21.4892, 21.3208



19.6263, 21.4892, 22.8320

Sweetspot

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



20.7951, 21.4901, 25.6066



38.6134, 40.3502, 45.4916



21.4529, 23.0272, 25.8686



8.7196, 9.1162, 10.2527



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.



20.7951, 21.4901, 25.6066



36.0869, 37.1691, 45.0108



21.3206, 21.7610, 25.6312



4.7031, 4.8397, 5.8870



4.2921, 1.7468, 21.2476



0.0185, 0.0079, 0.0738

Inverse Universe

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



21.6554, 21.9416, 25.2854



37.8571, 38.0983, 44.3466



21.4962, 23.2947, 23.4432



4.9439, 4.9661, 5.7965



12.1114, 5.9089, 15.6909



0.0439, 0.0212, 0.0646

Previews

White Background



This preview shows how the XYZ color 20.7945, 21.4892, 25.6061 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 20.7945, 21.4892, 25.6061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

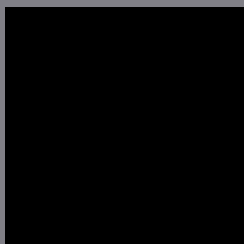
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

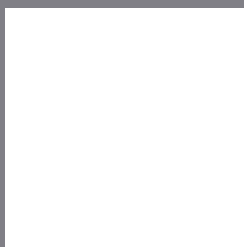
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7945, 21.4892, 25.6061

Background



This preview shows how black text looks on a background with the XYZ color 20.7945, 21.4892, 25.6061.



This preview shows how white text looks on a background with the XYZ color 20.7945, 21.4892,

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

20.7945, 21.4892, 25.6061

Protanopia

20.7945, 21.4892, 25.6061

Deuteranopia

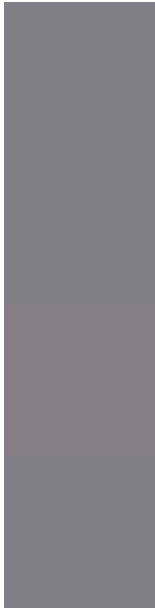
21.8974, 21.4829, 25.9142



Tritanopia

21.0068, 21.5741, 26.7239

Trichromacy



Original Color

20.7945, 21.4892, 25.6061

Protanomaly

20.7945, 21.4892, 25.6061

Deuteranomaly

21.5383, 21.4848, 25.9335

Tritanomaly

20.9354, 21.5455, 26.3478

Monochromacy



Original Color

20.7945, 21.4892, 25.6061

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.6505, 21.6392, 24.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7945, 21.4892, 25.6061 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(128, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(128, 127, 134)  
}
```

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(128, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 127, 134) }
```

Border

The CSS property to change the border of an element to XYZ 20.7945, 21.4892, 25.6061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

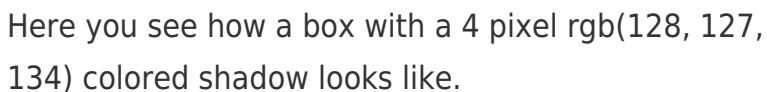
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 127, 134) }
```


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

```
.border{ border-color:rgb(128, 127, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 127, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 127, 134); box-shadow:4px 4px 4px 4px rgb(128, 127, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7945, 21.4892, 25.6061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 127, 134) }
```

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

```
.background{ background-color: rgb(128,  
127, 134) }
```

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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