

Converting Colors

XYZ(20.7937, 25.0355, 26.0884)

Have a look what the booklet for
XYZ(20.7937, 25.0355, 26.0884)
contains.

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Color

**XYZ(20.7624, 25.0195,
25.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9085
RGB	111, 144, 133
RGB Percent	44%, 56%, 52%
CMY	0.5647, 0.4353, 0.4784
CMYK	0.23, 0.00, 0.08, 0.44
HSL	160°, 13%, 50%
HSV	160°, 23%, 56%
XYZ	20.7624, 25.0195, 25.9252
YIQ	132.8790, -16.1370, -10.4170

Conversions

Conversions Part 2

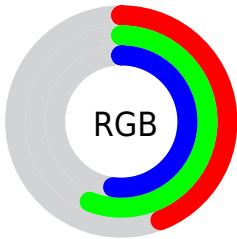
Format	Color
RYB	111, 131, 144
Decimal	7311493
CIELab	57.09, -13.94, 2.06
CIELCh	57, 14.087, 171.574
Yxy	25.0195, 0.2895, 0.3489
Android (android.graphics.Color)	4285501573 (0xFF6F9085)
YUV	132.8790, 0.0597, -19.1879
Hunter-Lab	50.0195, -13.4412, 4.2835

Details

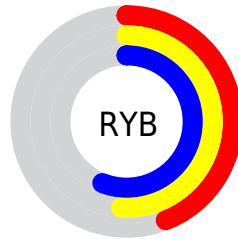
The XYZ color **20.7624, 25.0195, 25.9252** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6997, 18.7039, 20.9326**, and the grayscale version is **22.2548, 23.4138, 25.4977**.

A 20% lighter version of the original color is **44.1613, 51.7199, 54.1098**, and **7.5895, 9.6696, 9.8539** is the 20% darker color. If you saturate the color by 10%, you get **18.7705, 24.0308, 24.1403**, and if you desaturate by 10%, it is **23.0630, 26.1670, 27.8047**.

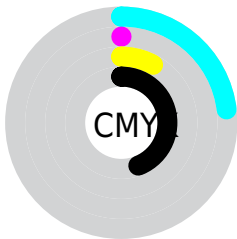
Distribution



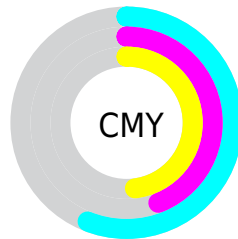
- Red (44%)
- Green (56%)
- Blue (52%)



- Red (44%)
- Yellow (51%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7624, 25.0195, 25.9252 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 20.7624, 25.0195, 25.9252 by changing the saturation by 10% instead.

■ 20.7624, 25.0195,
25.9252

■ 20.7624, 25.0195,
25.9252

248.7688,
277.9350, 296.0085

■ 13.0619, 16.0916,
16.5424

■ 44.1860, 51.6889,
54.1369

■ 7.5485, 9.5890,
9.7503

■ 60.6399, 70.1991,
73.8028

■ 3.8568, 5.1273,
5.1303

■ 80.7422, 92.6722,
97.7336

■ 1.6214, 2.3221,
2.2638

■ 104.8584,
119.4926, 126.3477

■ 0.4063, 0.7854,
0.7109

133.3538,
151.0447, 160.0637

■ 0.0000, 0.0000,
0.0000

166.5937,

187.7129, 199.3001

204.9436,
229.8815, 244.4756

■ 20.7624, 25.0195,
25.9252

■ 20.7624, 25.0195,
25.9252

■ 18.7705, 24.0308,
24.1403

■ 23.0630, 26.1670,
27.8047

■ 17.0711, 23.1904,
22.4467

■ 25.6834, 27.4769,
29.7789

■ 15.6494, 22.4915,
20.8432

■ 28.6368, 28.9566,
31.8498

■ 14.4888, 21.9256,
19.3278

■ 31.9349, 30.6123,
34.0190

■ 13.5706, 21.4829,
17.8986

■ 35.5890, 32.4496,
36.2880

■ 12.8735, 21.1526,
16.5534

■ 39.6096, 34.4740,
38.6583

■ 12.3725, 20.9217,
15.2900

■ 44.0071, 36.6908,
41.1312

■ 12.0849, 20.7919,
14.4416

■ 48.7912, 39.1050,
43.7082

■ 53.9713, 41.7214,
46.3906

Harmonies

Analogous

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



21.3678, 25.0195, 21.9496



20.7624, 25.0195, 25.9252



20.9356, 25.0195, 30.7411

Triad

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



20.7624, 25.0195, 25.9252



24.9726, 25.0195, 36.6511



25.8184, 25.0195, 20.6936

Complementary

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



20.7624, 25.0195, 25.9252



20.6997, 18.7039, 20.9326

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.



26.8717, 25.0195, 24.0190



20.7624, 25.0195, 25.9252



26.3678, 25.0195, 33.3232

Square

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



20.7624, 25.0195, 25.9252



23.3159, 25.0195, 37.3148



27.0773, 25.0195, 28.6026



24.2507, 25.0195, 19.1676

Rectangle

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



20.7624, 25.0195, 25.9252



21.4729, 25.0195, 33.7649



27.0773, 25.0195, 28.6026



26.2473, 25.0195, 21.6184

Sweetspot

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



20.7631, 25.0205, 25.9258



43.2740, 47.4483, 51.0285



20.9474, 25.2732, 18.8133



9.8704, 10.8543, 11.6620



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.7631, 25.0205, 25.9258



34.5667, 43.1078, 43.9236



20.8302, 23.8738, 29.8971



5.4849, 6.0862, 6.5191



10.5344, 18.1096, 12.6341



0.1110, 0.1772, 0.1748

Inverse Universe

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



20.6997, 18.7039, 20.9326



34.4339, 29.7634, 33.3807



20.6112, 19.5568, 17.7277



5.4784, 5.4519, 6.0174



10.4906, 5.3532, 2.9686



0.1097, 0.0550, 0.0781

Previews

White Background



This preview shows how the XYZ color 20.7624, 25.0195, 25.9252 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 20.7624, 25.0195, 25.9252 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

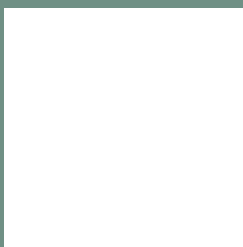
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7624, 25.0195, 25.9252

Background



This preview shows how black text looks on a background with the XYZ color 20.7624, 25.0195, 25.9252.



This preview shows how white text looks on a background with the XYZ color 20.7624, 25.0195,

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

20.7624, 25.0195, 25.9252

Protanopia

23.7511, 24.8560, 24.3148

Deuteranopia

25.2021, 24.7358, 26.3679



Tritanopia

22.2626, 24.9616, 33.3505

Trichromacy



Original Color

20.7624, 25.0195, 25.9252

Protanomaly

22.4678, 24.8228, 24.7262

Deuteranomaly

23.2606, 24.5638, 26.0696

Tritanomaly

21.7233, 24.9677, 30.4624

Monochromacy



Original Color

20.7624, 25.0195, 25.9252

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6367, 23.9447, 25.6717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7624, 25.0195, 25.9252 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(111, 144, 133)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 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(111, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.7624, 25.0195, 25.9252 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(111, 144, 133) }
```


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

```
.border{ border-color:rgb(111, 144, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 144, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7624, 25.0195, 25.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 133) }
```

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

```
.background{ background-color: rgb(111,  
144, 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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