

Converting Colors

XYZ(20.3546, 24.8264, 25.5591)

Have a look what the booklet for
XYZ(20.3546, 24.8264, 25.5591)
contains.

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Color

**XYZ(20.3225, 24.8006,
25.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9084
RGB	108, 144, 132
RGB Percent	42%, 56%, 52%
CMY	0.5765, 0.4353, 0.4823
CMYK	0.25, 0.00, 0.08, 0.44
HSL	160°, 14%, 49%
HSV	160°, 25%, 56%
XYZ	20.3225, 24.8006, 25.5457
YIQ	131.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

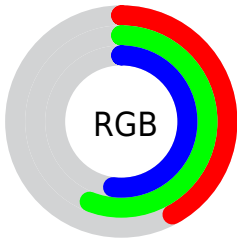
Format	Color
R_{YB}	108, 130, 144
Decimal	7114884
CIE _{Lab}	56.88, -15.16, 2.30
CIE _{LCh}	57, 15.330, 171.358
Yxy	24.8006, 0.2876, 0.3509
Android (android.graphics.Color)	4285304964 (0xFF6C9084)
YUV	131.8680, 0.0651, -20.9322
Hunter-Lab	49.8002, -14.3079, 4.4465

Details

The XYZ color **20.3225, 24.8006, 25.5457** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2552, 18.0112, 20.1794**, and the grayscale version is **21.8895, 23.0294, 25.0790**.

A 20% lighter version of the original color is **43.4482, 51.3645, 53.5233**, and **7.3677, 9.5597, 9.6405** is the 20% darker color. If you saturate the color by 10%, you get **18.3929, 23.8436, 23.7801**, and if you desaturate by 10%, it is **22.5579, 25.9148, 27.4056**.

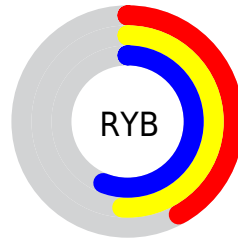
Distribution



Red (42%)

Green (56%)

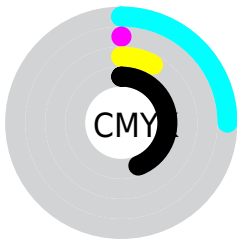
Blue (52%)



Red (42%)

Yellow (51%)

Blue (56%)

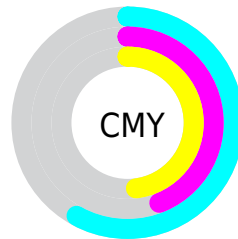


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3225, 24.8006, 25.5457 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 20.3225, 24.8006, 25.5457 by changing the saturation by 10% instead.

■ 20.3225, 24.8006,
25.5457

■ 20.3225, 24.8006,
25.5457

246.4561,
276.8435, 294.0790

■ 12.7393, 15.9286,
16.2614

■ 43.4570, 51.3336,
53.5162

■ 7.3250, 9.4736,
9.5529

■ 59.7391, 69.7633,
73.0394

■ 3.7143, 5.0514,
5.0019

■ 79.6515, 92.1476,
96.8127

■ 1.5418, 2.2774,
2.1896

■ 103.5596,
118.8711, 125.2546

■ 0.3540, 0.7617,
0.6684

131.8288,
150.3180, 158.7837

■ 0.0000, 0.0000,
0.0000

164.8244,

186.8728, 197.8184

202.9117,
228.9198, 242.7773

■ 20.3225, 24.8006,
25.5457

■ 20.3225, 24.8006,
25.5457

■ 18.3929, 23.8436,
23.7801

■ 22.5579, 25.9148,
27.4056

■ 16.7526, 23.0334,
22.1055

■ 25.1105, 27.1901,
29.3597

■ 15.3868, 22.3629,
20.5204

■ 27.9936, 28.6340,
31.4103

■ 14.2782, 21.8234,
19.0232

■ 31.2190, 30.2525,
33.5589

■ 13.4079, 21.4051,
17.6117

■ 34.7980, 32.0515,
35.8069

■ 12.7539, 21.0967,
16.2838

■ 38.7414, 34.0365,
38.1559

■ 12.2872, 20.8832,
15.0370

■ 43.0595, 36.2128,
40.6073

■ 12.0849, 20.7918,
14.4418

■ 47.7623, 38.5855,
43.1624

■ 52.8591, 41.1594,
45.8227

Harmonies

Analogous

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



20.9783, 24.8006, 21.2904



20.3225, 24.8006, 25.5457



20.5022, 24.8006, 30.7653

Triad

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



20.3225, 24.8006, 25.5457



24.8515, 24.8006, 37.2932



25.7934, 24.8006, 19.9966

Complementary

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



20.3225, 24.8006, 25.5457



20.2552, 18.0112, 20.1794

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.



26.9344, 24.8006, 23.5618



20.3225, 24.8006, 25.5457



26.3716, 24.8006, 33.6571

Square

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



20.3225, 24.8006, 25.5457



23.0575, 24.8006, 38.0003



27.1511, 24.8006, 28.5160



24.0946, 24.8006, 18.3639

Rectangle

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



20.3225, 24.8006, 25.5457



21.0758, 24.8006, 34.0745



27.1511, 24.8006, 28.5160



26.2584, 24.8006, 20.9856

Sweetspot

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



20.3232, 24.8016, 25.5463



42.8009, 47.2118, 50.6728



20.5101, 25.0664, 17.9452



9.6697, 10.7540, 11.5100



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.



20.3232, 24.8016, 25.5463



33.8677, 42.7608, 43.2867



20.3940, 23.5524, 29.8579



5.4849, 6.0862, 6.5191



10.5344, 18.1096, 12.6343



0.1110, 0.1772, 0.1748

Inverse Universe

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



20.2552, 18.0112, 20.1794



33.7280, 28.6719, 32.1577



20.1591, 18.9125, 16.7758



5.4784, 5.4519, 6.0174



10.4905, 5.3532, 2.9686



0.1097, 0.0550, 0.0781

Previews

White Background



This preview shows how the XYZ color 20.3225, 24.8006, 25.5457 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 20.3225, 24.8006, 25.5457 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

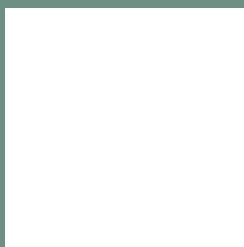
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3225, 24.8006, 25.5457

Background



This preview shows how black text looks on a background with the XYZ color 20.3225, 24.8006, 25.5457.



This preview shows how white text looks on a background with the XYZ color 20.3225, 24.8006,

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

20.3225, 24.8006, 25.5457

Protanopia

23.6194, 24.8033, 23.6213

Deuteranopia

25.2021, 24.7358, 26.3679



Tritanopia

21.8745, 24.7615, 33.3323

Trichromacy



Original Color

20.3225, 24.8006, 25.5457

Protanomaly

22.2483, 24.7173, 24.3672

Deuteranomaly

23.0989, 24.4804, 26.0620

Tritanomaly

21.3394, 24.7698, 30.4444

Monochromacy



Original Color

20.3225, 24.8006, 25.5457

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.1374, 23.4852, 25.2488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3225, 24.8006, 25.5457 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(108, 144, 132)` looks like.

```
.text, #text, p{  
    color:rgb(108, 144, 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(108, 144, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 144, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.3225, 24.8006, 25.5457 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(108, 144, 132) }
```


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

```
.border{ border-color:rgb(108, 144, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 144, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 144, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 144, 132);  
box-shadow:4px 4px 4px 4px rgb(108, 144,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3225, 24.8006, 25.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 144, 132) }
```

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

```
.background{ background-color: rgb(108,  
144, 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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