

Converting Colors

XYZ(20.2357, 27.3142, 25.4242)

Have a look what the booklet for
XYZ(20.2357, 27.3142, 25.4242)
contains.

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Color

**XYZ(20.2648, 27.3816,
25.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9B82
RGB	93, 155, 130
RGB Percent	36%, 61%, 51%
CMY	0.6353, 0.3921, 0.4902
CMYK	0.40, 0.00, 0.16, 0.39
HSL	156°, 25%, 49%
HSV	156°, 40%, 61%
XYZ	20.2648, 27.3816, 25.3362
YIQ	133.6120, -28.9270, -20.9190

Conversions

Conversions Part 2

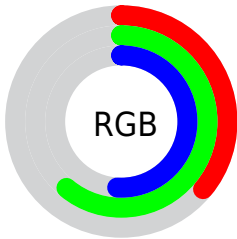
Format	Color
R_{YB}	93, 132, 155
Decimal	6134658
CIE _{Lab}	59.33, -25.98, 6.86
CIE _{LCh}	59, 26.868, 165.213
Yxy	27.3816, 0.2777, 0.3752
Android (android.graphics.Color)	4284324738 (0xFF5D9B82)
YUV	133.6120, -1.7807, -35.6167
Hunter-Lab	52.3274, -22.4455, 7.9218

Details

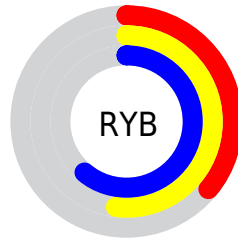
The XYZ color **20.2648, 27.3816, 25.3362** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.7028, 16.1059, 19.1581**, and the grayscale version is **22.5322, 23.7056, 25.8154**.

A 20% lighter version of the original color is **43.4479, 55.6231, 53.2461**, and **7.2499, 10.7660, 9.4805** is the 20% darker color. If you saturate the color by 10%, you get **18.4454, 26.4914, 23.1275**, and if you desaturate by 10%, it is **22.4293, 28.4482, 27.6953**.

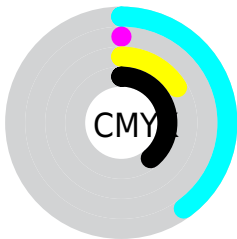
Distribution



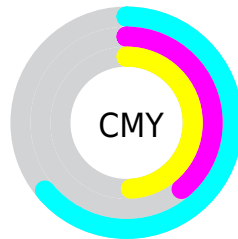
- Red (36%)
- Green (61%)
- Blue (51%)



- Red (36%)
- Yellow (52%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2648, 27.3816, 25.3362 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 20.2648, 27.3816, 25.3362 by changing the saturation by 10% instead.

■ 20.2648, 27.3816,
25.3362

■ 20.2648, 27.3816,
25.3362

246.1514,
289.5000, 293.0092

■ 12.6971, 17.8600,
16.1064

■ 43.3613, 55.4956,
53.1730

■ 7.2958, 10.8495,
9.4443

■ 59.6207, 74.8568,
72.6171

■ 3.6958, 5.9657,
4.9314

■ 79.5080, 98.2667,
96.3030

■ 1.5315, 2.8243,
2.1490

■ 103.3887,
126.1097, 124.6493

■ 0.3471, 1.0407,
0.6447

131.6280,
158.7701, 158.0745

■ 0.0000, 0.0000,
0.0000

164.5913,

196.6324, 196.9972

202.6440,
240.0809, 241.8360

■ 20.2648, 27.3816,
25.3362

■ 20.2648, 27.3816,
25.3362

■ 18.4454, 26.4914,
23.1275

■ 22.4293, 28.4482,
27.6953

■ 16.9489, 25.7641,
21.0640

■ 24.9546, 29.6971,
30.2061

■ 15.7543, 25.1895,
19.1429


■ 27.8585, 31.1381,
32.8722


■ 14.8367, 24.7550,
17.3607


■ 31.1566, 32.7792,
35.6965


■ 14.1673, 24.4456,
15.7134


■ 34.8638, 34.6281,
38.6818

 13.6755, 24.2252,
14.1951

 38.9941, 36.6919,
41.8309

 43.5609, 38.9776,
45.1464

 48.5770, 41.4915,
48.6309

 54.0546, 44.2401,
52.2868

Harmonies

Analogous

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



21.7038, 27.3816, 18.5859



20.2648, 27.3816, 25.3362



20.2753, 27.3816, 34.9379

Triad

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



20.2648, 27.3816, 25.3362



27.7579, 27.3816, 51.4713



30.8475, 27.3816, 18.5149

Complementary

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



20.2648, 27.3816, 25.3362



20.7028, 16.1059, 19.1581

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.



32.7712, 27.3816, 25.2171



20.2648, 27.3816, 25.3362



30.8856, 27.3816, 44.8417

Square

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



20.2648, 27.3816, 25.3362



24.4109, 27.3816, 51.5226



32.7857, 27.3816, 34.7903



27.7095, 27.3816, 15.2629

Rectangle

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



20.2648, 27.3816, 25.3362



21.0955, 27.3816, 41.8072



32.7857, 27.3816, 34.7903



31.6691, 27.3816, 20.3663

Sweetspot

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



20.2656, 27.3827, 25.3368



48.6675, 55.1555, 57.7772



21.2829, 28.1444, 14.6669



10.8719, 12.4128, 12.9477



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.2656, 27.3827, 25.3368



33.3509, 47.5967, 41.8255



21.3112, 26.4544, 34.9947



6.2791, 6.9843, 7.3929



11.0030, 19.4646, 11.5021



0.1824, 0.2982, 0.2664

Inverse Universe

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



20.7028, 16.1059, 19.1581



34.2498, 24.5389, 29.2153



19.8775, 16.5261, 12.4984



6.3069, 6.2619, 6.9960



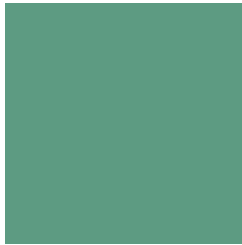
11.5849, 5.8882, 4.3389



0.1905, 0.0949, 0.1559

Previews

White Background



This preview shows how the XYZ color 20.2648, 27.3816, 25.3362 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 20.2648, 27.3816, 25.3362 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 20.2648, 27.3816, 25.3362

Background



This preview shows how black text looks on a background with the XYZ color 20.2648, 27.3816, 25.3362.



This preview shows how white text looks on a background with the XYZ color 20.2648, 27.3816,

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

20.2648, 27.3816, 25.3362

Protanopia

25.6426, 27.1656, 22.6309

Deuteranopia

27.5468, 26.9835, 26.3107



Tritanopia

22.8840, 27.2237, 38.6989

Trichromacy



Original Color

20.2648, 27.3816, 25.3362

Protanomaly

23.2529, 27.0409, 23.7325

Deuteranomaly

24.1986, 26.7909, 26.0861

Tritanomaly

21.8512, 27.2875, 33.3935

Monochromacy



Original Color

20.2648, 27.3816, 25.3362

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.5144, 24.9614, 25.8744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2648, 27.3816, 25.3362 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(93, 155, 130)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 130)  
}
```

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(93, 155, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.2648, 27.3816, 25.3362 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(93, 155, 130) }
```


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

```
.border{ border-color:rgb(93, 155, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 155, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2648, 27.3816, 25.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 130) }
```

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

```
.background{ background-color: rgb(93, 155,  
130) }
```

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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