

Converting Colors

XYZ(20.4854, 25.5784, 26.3737)

Have a look what the booklet for
XYZ(20.4854, 25.5784, 26.3737)
contains.

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Color

**XYZ(20.4457, 25.5317,
26.4048)**

Conversions

Conversions Part 1

Format	Color
Hex	689386
RGB	104, 147, 134
RGB Percent	41%, 58%, 53%
CMY	0.5922, 0.4235, 0.4745
CMYK	0.29, 0.00, 0.09, 0.42
HSL	162°, 17%, 49%
HSV	162°, 29%, 58%
XYZ	20.4457, 25.5317, 26.4048
YIQ	132.6610, -21.4550, -13.1590

Conversions

Conversions Part 2

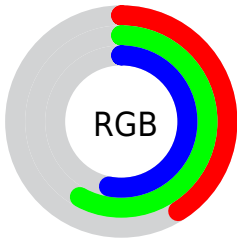
Format	Color
RYB	104, 129, 147
Decimal	6853510
CIELab	57.59, -17.61, 2.16
CIElCh	58, 17.741, 173.011
Yxy	25.5317, 0.2825, 0.3527
Android (android.graphics.Color)	4285043590 (0xFF689386)
YUV	132.6610, 0.6601, -25.1357
Hunter-Lab	50.5289, -16.1985, 4.3872

Details

The XYZ color **20.4457, 25.5317, 26.4048** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1947, 17.3887, 19.1226**, and the grayscale version is **22.1750, 23.3298, 25.4061**.

A 20% lighter version of the original color is **43.5666, 52.4291, 54.8373**, and **7.3587, 9.8181, 9.8947** is the 20% darker color. If you saturate the color by 10%, you get **18.5825, 24.6069, 24.7336**, and if you desaturate by 10%, it is **22.6209, 26.6171, 28.1597**.

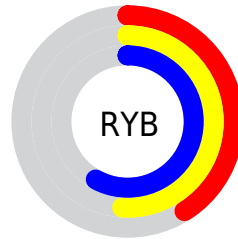
Distribution



Red (41%)

Green (58%)

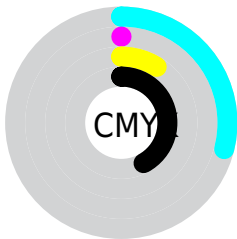
Blue (53%)



Red (41%)

Yellow (51%)

Blue (58%)

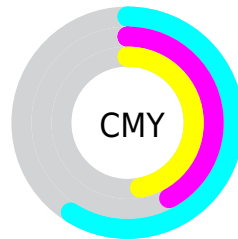


Cyan (29%)

Magenta (0%)

Yellow (9%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4457, 25.5317, 26.4048 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 20.4457, 25.5317, 26.4048 by changing the saturation by 10% instead.

■ 20.4457, 25.5317,
26.4048

■ 20.4457, 25.5317,
26.4048

247.1057,
280.4756, 298.4321

■ 12.8296, 16.4736,
16.8982

■ 43.6614, 52.5185,
54.9193

■ 7.3875, 9.8599,
10.0008

■ 59.9918, 71.2160,
74.7644

■ 3.7541, 5.3062,
5.2939

■ 79.9576, 93.8955,
98.8927

■ 1.5640, 2.4280,
2.3590

■ 103.9242,
120.9412, 127.7229

■ 0.3687, 0.8402,
0.7640

132.2569,
152.7378, 161.6733

■ 0.0000, 0.0000,
0.0000

165.3212,

189.6694, 201.1626

203.4823,
232.1205, 246.6094

■ 20.4457, 25.5317,
26.4048

■ 20.4457, 25.5317,
26.4048

■ 18.5825, 24.6069,
24.7336

■ 22.6209, 26.6171,
28.1597

■ 17.0135, 23.8317,
23.1428

■ 25.1203, 27.8675,
29.9982

■ 15.7225, 23.1982,
21.6314

■ 27.9582, 29.2909,
31.9221

■ 14.6905, 22.6969,
20.1976

■ 31.1475, 30.8938,
33.9328

■ 13.8966, 22.3168,
18.8396

■ 34.7002, 32.6825,
36.0318

■ 13.3159, 22.0453,
17.5553

■ 38.6278, 34.6629,
38.2203

■ 12.8905, 21.8525,
16.3412

■ 42.9413, 36.8406,
40.4995

■ 12.8601, 21.8387,
16.2529

■ 47.6512, 39.2210,
42.8707

■ 52.7676, 41.8094,
45.3350

Harmonies

Analogous

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



21.1578, 25.5317, 21.3571



20.4457, 25.5317, 26.4048



20.7089, 25.5317, 32.6121

Triad

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



20.4457, 25.5317, 26.4048



25.8939, 25.5317, 39.9740



26.8004, 25.5317, 19.4865

Complementary

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



20.4457, 25.5317, 26.4048



20.1947, 17.3887, 19.1226

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.



28.2112, 25.5317, 23.4856



20.4457, 25.5317, 26.4048



27.6670, 25.5317, 35.4228

Square

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



20.4457, 25.5317, 26.4048



23.7750, 25.5317, 41.0554



28.5373, 25.5317, 29.2428



24.7659, 25.5317, 17.7569

Rectangle

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



20.4457, 25.5317, 26.4048



21.4098, 25.5317, 36.5375



28.5373, 25.5317, 29.2428



27.3680, 25.5317, 20.5794

Sweetspot

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



20.4464, 25.5327, 26.4054



45.0171, 49.9208, 53.7429



20.3524, 25.6927, 16.9836



10.1314, 11.3232, 12.1655



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.4464, 25.5327, 26.4054



34.3945, 44.6198, 45.3334



20.2257, 23.5496, 31.0845



5.8902, 6.5327, 7.0326



11.1598, 18.9367, 14.1492



0.1497, 0.2370, 0.2422

Inverse Universe

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



20.1947, 17.3887, 19.1226



33.8720, 27.6331, 30.1555



20.3134, 18.7658, 15.6486



5.8687, 5.8425, 6.4147



10.8431, 5.5423, 2.6546



0.1446, 0.0726, 0.0949

Previews

White Background



This preview shows how the XYZ color 20.4457, 25.5317, 26.4048 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 20.4457, 25.5317, 26.4048 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

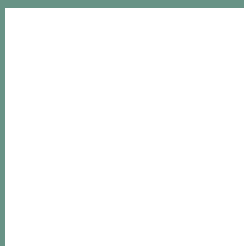
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4457, 25.5317, 26.4048

Background



This preview shows how black text looks on a background with the XYZ color 20.4457, 25.5317, 26.4048.



This preview shows how white text looks on a background with the XYZ color 20.4457, 25.5317,

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

20.4457, 25.5317, 26.4048

Protanopia

24.0634, 25.2271, 24.3699

Deuteranopia

25.6654, 25.1605, 27.1707



Tritanopia

22.1963, 25.5643, 34.7749

Trichromacy



Original Color

20.4457, 25.5317, 26.4048

Protanomaly

22.5237, 25.2776, 25.1647

Deuteranomaly

23.3639, 25.0229, 26.8910

Tritanomaly

21.4553, 25.4832, 31.3917

Monochromacy



Original Color

20.4457, 25.5317, 26.4048

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.3482, 24.0080, 25.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4457, 25.5317, 26.4048 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(104, 147, 134)` looks like.

```
.text, #text, p{  
    color:rgb(104, 147, 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(104, 147, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 147, 134) }
```

Border

The CSS property to change the border of an element to XYZ 20.4457, 25.5317, 26.4048 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(104, 147, 134) }
```


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

```
.border{ border-color:rgb(104, 147, 134) }
```

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

Here you see how a box with a 4 pixel rgb(104, 147, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 147, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 147, 134);  
box-shadow:4px 4px 4px 4px rgb(104, 147,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4457, 25.5317, 26.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 147, 134) }
```

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

```
.background{ background-color: rgb(104,  
147, 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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