

Converting Colors

XYZ(20.3526, 25.9965, 24.3672)

Have a look what the booklet for
XYZ(20.3526, 25.9965, 24.3672)
contains.

XYZ(20.3526, 25.9965, 24.3672)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.3526, 25.9965,
24.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	689580
RGB	104, 149, 128
RGB Percent	41%, 58%, 50%
CMY	0.5922, 0.4157, 0.4980
CMYK	0.30, 0.00, 0.14, 0.42
HSL	152°, 18%, 50%
HSV	152°, 30%, 58%
XYZ	20.3526, 25.9965, 24.3672
YIQ	133.1510, -20.0790, -16.0710

Conversions

Conversions Part 2

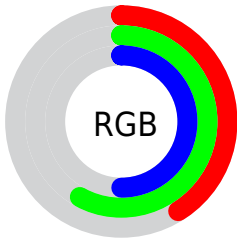
Format	Color
RYB	104, 133, 149
Decimal	6854016
CIELab	58.03, -19.98, 6.22
CIElCh	58, 20.924, 162.711
Yxy	25.9965, 0.2878, 0.3676
Android (android.graphics.Color)	4285044096 (0xFF689580)
YUV	133.1510, -2.5394, -25.5654
Hunter-Lab	50.9868, -17.9742, 7.3553

Details

The XYZ color **20.3526, 25.9965, 24.3672** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0472, 17.7714, 21.7238**, and the grayscale version is **22.3641, 23.5287, 25.6228**.

A 20% lighter version of the original color is **43.4067, 53.1160, 51.6807**, and **7.3545, 10.1121, 8.9613** is the 20% darker color. If you saturate the color by 10%, you get **18.3315, 25.0064, 21.9650**, and if you desaturate by 10%, it is **22.7121, 27.1589, 26.9502**.

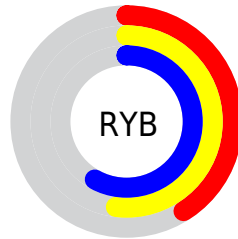
Distribution



Red (41%)

Green (58%)

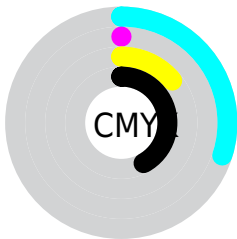
Blue (50%)



Red (41%)

Yellow (52%)

Blue (58%)

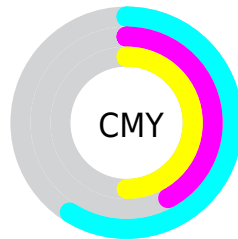


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (42%)



Cyan (59%)

Magenta (42%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3526, 25.9965, 24.3672 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 20.3526, 25.9965, 24.3672 by changing the saturation by 10% instead.

■ 20.3526, 25.9965,
24.3672

■ 20.3526, 25.9965,
24.3672

246.6150,
282.7649, 288.0178

■ 12.7614, 16.8210,
15.3915

■ 43.5070, 53.2693,
51.5801

■ 7.3403, 10.1070,
8.9450

■ 59.8009, 72.1354,
70.6544

■ 3.7240, 5.4699,
4.6090

■ 79.7263, 95.0005,
93.9319

■ 1.5472, 2.5255,
1.9650

■ 103.6488,
122.2490, 121.8313

■ 0.3576, 0.8894,
0.5336

131.9335,
154.2653, 154.7710

■ 0.0000, 0.0000,
0.0000

164.9458,

191.4338, 193.1697

203.0512,
234.1389, 237.4458

■ 20.3526, 25.9965,
24.3672

■ 20.3526, 25.9965,
24.3672

■ 18.3315, 25.0064,
21.9650

■ 22.7121, 27.1589,
26.9502

■ 16.6300, 24.1768,
19.7376

■ 25.4235, 28.4982,
29.7160

■ 15.2306, 23.4994,
17.6816

■ 28.5019, 30.0230,
32.6691

■ 14.1132, 22.9640,
15.7925

■ 31.9610, 31.7402,
35.8129

■ 13.2550, 22.5589,
14.0657

■ 35.8138, 33.6565,
39.1512

■ 12.6295, 22.2705,
12.4961

■ 40.0727, 35.7782,
42.6872

■ 12.1763, 22.0673,
11.1040

■ 44.7493, 38.1113,
46.4243

■ 49.8552, 40.6615,
50.3658

■ 55.4010, 43.4344,
54.5149

Harmonies

Analogous

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



21.5566, 25.9965, 19.2602



20.3526, 25.9965, 24.3672



20.2644, 25.9965, 31.4804

Triad

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



20.3526, 25.9965, 24.3672



25.7938, 25.9965, 44.1714



28.4550, 25.9965, 19.8749

Complementary

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



20.3526, 25.9965, 24.3672



21.0472, 17.7714, 21.7238

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.



29.7599, 25.9965, 25.3521



20.3526, 25.9965, 24.3672



28.1545, 25.9965, 39.8152

Square

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



20.3526, 25.9965, 24.3672



23.2924, 25.9965, 43.7853



29.6463, 25.9965, 32.6474



26.1817, 25.9965, 16.9866

Rectangle

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



20.3526, 25.9965, 24.3672



20.8408, 25.9965, 36.5140



29.6463, 25.9965, 32.6474



29.0282, 25.9965, 21.4302

Sweetspot

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



20.3533, 25.9976, 24.3678



46.0597, 51.2972, 53.7389



21.8143, 26.9122, 17.1417



10.0540, 11.2922, 11.7579



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.



20.3533, 25.9976, 24.3678



34.0183, 45.3638, 40.7925



21.7637, 26.3725, 32.3785



5.8511, 6.5170, 6.8268



10.2627, 18.5779, 9.4246



0.1405, 0.2333, 0.1938

Inverse Universe

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



21.0472, 17.7714, 21.7238



35.4595, 28.2866, 35.3068



19.9200, 17.4418, 15.4136



5.9067, 5.8577, 6.6147



11.3646, 5.7509, 5.4008



0.1538, 0.0763, 0.1433

Previews

White Background



This preview shows how the XYZ color 20.3526, 25.9965, 24.3672 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 20.3526, 25.9965, 24.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

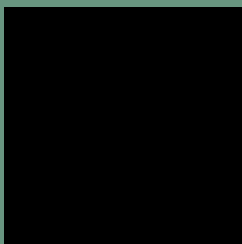
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

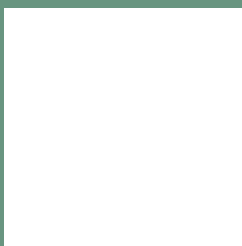
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3526, 25.9965, 24.3672

Background



This preview shows how black text looks on a background with the XYZ color 20.3526, 25.9965, 24.3672.



This preview shows how white text looks on a background with the XYZ color 20.3526, 25.9965,

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

20.3526, 25.9965, 24.3672

Protanopia

24.4848, 25.9150, 22.4505

Deuteranopia

26.1394, 25.6575, 25.0474



Tritanopia

22.6416, 26.0001, 35.7235

Trichromacy



Original Color

20.3526, 25.9965, 24.3672

Protanomaly

22.7301, 25.8714, 23.1977

Deuteranomaly

23.4152, 25.3112, 24.7705

Tritanomaly

21.6515, 25.8212, 31.0370

Monochromacy



Original Color

20.3526, 25.9965, 24.3672

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.3554, 24.2415, 25.0263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3526, 25.9965, 24.3672 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, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(104, 149, 128)  
}
```

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, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 149, 128) }
```

Border

The CSS property to change the border of an element to XYZ 20.3526, 25.9965, 24.3672 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, 149, 128) }
```


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

```
.border{ border-color:rgb(104, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(104, 149,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3526, 25.9965, 24.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 149, 128) }
```

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

```
.background{ background-color: rgb(104,  
149, 128) }
```

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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