

Converting Colors

XYZ(20.3246, 25.8866, 23.5049)

Have a look what the booklet for
XYZ(20.3246, 25.8866, 23.5049)
contains.

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Color

**XYZ(20.4572, 26.0654,
23.6916)**

Conversions

Conversions Part 1

Format	Color
Hex	6A957E
RGB	106, 149, 126
RGB Percent	42%, 58%, 49%
CMY	0.5843, 0.4157, 0.5059
CMYK	0.29, 0.00, 0.15, 0.42
HSL	148°, 17%, 50%
HSV	148°, 29%, 58%
XYZ	20.4572, 26.0654, 23.6916
YIQ	133.5210, -18.2450, -16.2690

Conversions

Conversions Part 2

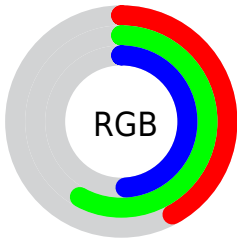
Format	Color
RYB	106, 135, 149
Decimal	6985086
CIELab	58.10, -19.75, 7.46
CIElCh	58, 21.112, 159.296
Yxy	26.0654, 0.2914, 0.3712
Android (android.graphics.Color)	4285175166 (0xFF6A957E)
YUV	133.5210, -3.7079, -24.1359
Hunter-Lab	51.0543, -17.8209, 8.2246

Details

The XYZ color **20.4572, 26.0654, 23.6916** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5118, 18.2832, 23.1652**, and the grayscale version is **22.5029, 23.6748, 25.7818**.

A 20% lighter version of the original color is **43.5932, 53.2356, 50.6257**, and **7.3946, 10.1410, 8.5889** is the 20% darker color. If you saturate the color by 10%, you get **18.3441, 25.0339, 21.0144**, and if you desaturate by 10%, it is **22.9204, 27.2741, 26.6002**.

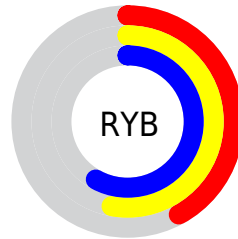
Distribution



Red (42%)

Green (58%)

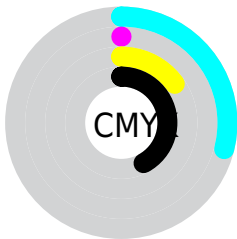
Blue (49%)



Red (42%)

Yellow (53%)

Blue (58%)

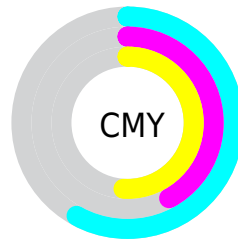


Cyan (29%)

Magenta (0%)

Yellow (15%)

Black (42%)



Cyan (58%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4572, 26.0654, 23.6916 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 20.4572, 26.0654, 23.6916 by changing the saturation by 10% instead.

■ 20.4572, 26.0654,
23.6916

■ 20.4572, 26.0654,
23.6916

247.1662,
283.1030, 284.4938

■ 12.8380, 16.8726,
14.8949

■ 43.6805, 53.3804,
50.4640

■ 7.3933, 10.1437,
8.5999

■ 60.0153, 72.2714,
69.2767

■ 3.7578, 5.4943,
4.3879

■ 79.9861, 95.1639,
92.2653

■ 1.5660, 2.5401,
1.8405

■ 103.9582,
122.4424, 119.8482

■ 0.3701, 0.8967,
0.4545

132.2968,
154.4911, 152.4439

■ 0.0000, 0.0000,
0.0000

165.3675,

191.6945, 190.4711

203.5355,
234.4370, 234.3482

■ 20.4572, 26.0654,
23.6916

■ 20.4572, 26.0654,
23.6916

■ 18.3441, 25.0339,
21.0144

■ 22.9204, 27.2741,
26.6002

■ 16.5622, 24.1677,
18.5611

■ 25.7472, 28.6648,
29.7441

■ 15.0937, 23.4586,
16.3264

■ 28.9531, 30.2459,
33.1290

■ 13.9185, 22.8963,
14.3039

■ 32.5520, 32.0245,
36.7603

■ 13.0139, 22.4693,
12.4870

■ 36.5570, 34.0074,
40.6427

■ 12.3536, 22.1640,
10.8686

■ 40.9806, 36.2008,
44.7813

■ 11.8813, 21.9517,
9.4400

■ 45.8348, 38.6109,
49.1807

■ 11.8315, 21.9293,
9.2885

■ 51.1312, 41.2435,
53.8454

■ 56.8807, 44.1042,
58.7799

Harmonies

Analogous

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



21.7914, 26.0654, 18.8256



20.4572, 26.0654, 23.6916



20.2356, 26.0654, 30.7148

Triad

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



20.4572, 26.0654, 23.6916



25.5765, 26.0654, 44.6531



28.7740, 26.0654, 20.3701

Complementary

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



20.4572, 26.0654, 23.6916



21.5118, 18.2832, 23.1652

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.



29.9457, 26.0654, 26.1681



20.4572, 26.0654, 23.6916



28.0178, 26.0654, 40.7208

Square

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



20.4572, 26.0654, 23.6916



23.0778, 26.0654, 43.6811



29.6598, 26.0654, 33.6512



26.5521, 26.0654, 17.1493

Rectangle

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



20.4572, 26.0654, 23.6916



20.7322, 26.0654, 35.8372



29.6598, 26.0654, 33.6512



29.3105, 26.0654, 22.0378

Sweetspot

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



20.4579, 26.0665, 23.6922



45.9340, 51.2469, 53.0769



22.5022, 27.2548, 17.7108



10.0223, 11.2796, 11.5914



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.



20.4579, 26.0665, 23.6922



33.9772, 45.3800, 39.0989



21.9469, 26.6621, 31.5329



5.8351, 6.5106, 6.7426



9.9722, 18.4617, 7.8949



0.1367, 0.2318, 0.1738

Inverse Universe

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



21.5118, 18.2832, 23.1652



36.1979, 28.9745, 37.9850



20.2640, 17.7841, 16.5943



5.9227, 5.8641, 6.6990



11.6561, 5.8675, 6.9362



0.1576, 0.0778, 0.1634

Previews

White Background



This preview shows how the XYZ color 20.4572, 26.0654, 23.6916 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 20.4572, 26.0654, 23.6916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

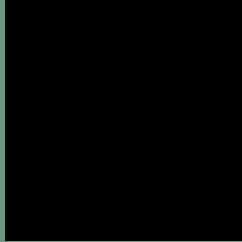
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.4572, 26.0654, 23.6916

Background



This preview shows how black text looks on a background with the XYZ color 20.4572, 26.0654, 23.6916.



This preview shows how white text looks on a background with the XYZ color 20.4572, 26.0654,

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

20.4572, 26.0654, 23.6916

Protanopia

24.5379, 25.9567, 21.8060

Deuteranopia

26.1978, 25.7031, 24.3493



Tritanopia

22.8082, 26.0958, 35.2874

Trichromacy



Original Color

20.4572, 26.0654, 23.6916

Protanomaly

22.7577, 25.9003, 22.5387

Deuteranomaly

23.6101, 25.4270, 24.0856

Tritanomaly

21.8201, 25.9171, 30.6405

Monochromacy



Original Color

20.4572, 26.0654, 23.6916

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.6415, 24.3890, 25.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4572, 26.0654, 23.6916 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(106, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(106, 149, 126)  
}
```

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(106, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 149, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.4572, 26.0654, 23.6916 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(106, 149, 126) }
```


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

```
.border{ border-color:rgb(106, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(106, 149,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4572, 26.0654, 23.6916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 149, 126) }
```

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

```
.background{ background-color: rgb(106,  
149, 126) }
```

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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