

Converting Colors

XYZ(20.1032, 28.4387, 23.6812)

Have a look what the booklet for
XYZ(20.1032, 28.4387, 23.6812)
contains.

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Color

**XYZ(20.0303, 28.3032,
23.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	579F7D
RGB	87, 159, 125
RGB Percent	34%, 62%, 49%
CMY	0.6588, 0.3765, 0.5098
CMYK	0.45, 0.00, 0.21, 0.38
HSL	152°, 29%, 48%
HSV	152°, 45%, 62%
XYZ	20.0303, 28.3032, 23.8094
YIQ	133.5960, -31.9980, -25.8380

Conversions

Conversions Part 2

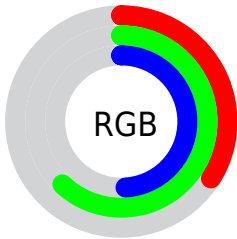
Format	Color
RYB	87, 134, 159
Decimal	5742461
CIELab	60.16, -30.74, 10.82
CIELCh	60, 32.587, 160.606
Yxy	28.3032, 0.2776, 0.3923
Android (android.graphics.Color)	4283932541 (0xFF579F7D)
YUV	133.5960, -4.2378, -40.8647
Hunter-Lab	53.2008, -25.8953, 10.7060

Details

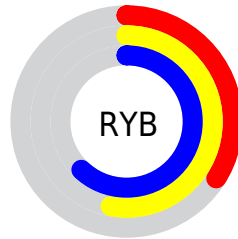
The XYZ color **20.0303, 28.3032, 23.8094** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.1584, 15.5685, 19.9801**, and the grayscale version is **22.5359, 23.7095, 25.8197**.

A 20% lighter version of the original color is **42.8977, 56.8829, 50.8380**, and **7.1894, 11.3605, 8.6514** is the 20% darker color. If you saturate the color by 10%, you get **18.2446, 27.4367, 21.3161**, and if you desaturate by 10%, it is **22.1808, 29.3550, 26.5103**.

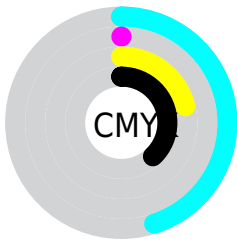
Distribution



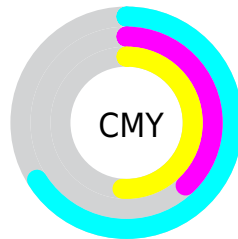
- Red (34%)
- Green (62%)
- Blue (49%)



- Red (34%)
- Yellow (53%)
- Blue (62%)



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)



- Cyan (66%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0303, 28.3032, 23.8094 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 20.0303, 28.3032, 23.8094 by changing the saturation by 10% instead.

■ 20.0303, 28.3032,
23.8094

■ 20.0303, 28.3032,
23.8094

244.9095,
293.9129, 285.1109

■ 12.5255, 18.5543,
14.9814

■ 42.9715, 56.9682,
50.6589

■ 7.1773, 11.3487,
8.6599

■ 59.1386, 76.6530,
69.5175

■ 3.6206, 6.3019,
4.4262

■ 78.9239, 100.4187,
92.5567

■ 1.4898, 3.0295,
1.8620

■ 102.6926,
128.6496, 120.1951

■ 0.3189, 1.1472,
0.4684

130.8102,
161.7300, 152.8512

■ 0.0000, 0.0179,
0.0000

163.6420,

■ 0.0000, 0.0000,

200.0445, 190.9434

0.0000

201.5533,
243.9773, 234.8905

■ 20.0303, 28.3032,
23.8094

■ 20.0303, 28.3032,
23.8094

■ 18.2446, 27.4367,
21.3161

■ 22.1808, 29.3550,
26.5103

■ 16.7989, 26.7407,
19.0234

■ 24.7143, 30.5993,
29.4219

■ 15.6687, 26.2033,
16.9262


■ 27.6505, 32.0468,
32.5496


■ 14.8253, 25.8099,
15.0189


■ 31.0070, 33.7065,
35.8981


■ 14.2316, 25.5414,
13.2951


■ 34.8004, 35.5869,
39.4717

 13.9956, 25.4361,
12.5423

 39.0463, 37.6959,
43.2749

 43.7596, 40.0412,
47.3118

 48.9543, 42.6300,
51.5865

 54.6442, 45.4691,
56.1030

Harmonies

Analogous

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



22.0169, 28.3032, 16.4745



20.0303, 28.3032, 23.8094



19.7704, 28.3032, 35.2360

Triad

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



20.0303, 28.3032, 23.8094



28.4029, 28.3032, 59.3165



33.4532, 28.3032, 18.1668

Complementary

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



20.0303, 28.3032, 23.8094



21.1584, 15.5685, 19.9801

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.



35.5688, 28.3032, 26.7845



20.0303, 28.3032, 23.8094



32.4595, 28.3032, 51.7237

Square

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



20.0303, 28.3032, 23.8094



24.3279, 28.3032, 57.9196



35.1874, 28.3032, 39.0810



29.6502, 28.3032, 13.8467

Rectangle

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



20.0303, 28.3032, 23.8094



20.5786, 28.3032, 44.0364



35.1874, 28.3032, 39.0810



34.4022, 28.3032, 20.5500

Sweetspot

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



20.0311, 28.3044, 23.8100



50.0938, 57.6751, 58.8825



22.1171, 29.6086, 13.5665



11.0340, 12.8746, 13.0077



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.0311, 28.3044, 23.8100



32.7472, 49.1705, 38.2836



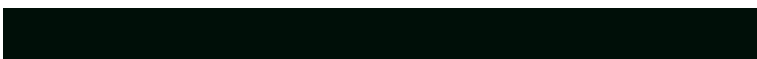
22.3822, 28.9162, 37.2040



6.6897, 7.4566, 7.8003



11.0750, 20.0979, 10.0178



0.2193, 0.3679, 0.2913

Inverse Universe

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



21.1584, 15.5685, 19.9801



35.0203, 23.5156, 30.5796



19.5254, 15.0720, 10.8973



6.7569, 6.6957, 7.5710



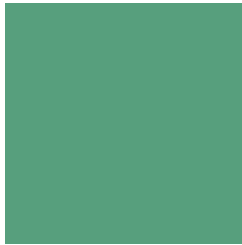
12.3193, 6.2323, 5.9326



0.2415, 0.1199, 0.2179

Previews

White Background



This preview shows how the XYZ color 20.0303, 28.3032, 23.8094 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 20.0303, 28.3032, 23.8094 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 20.0303, 28.3032, 23.8094

Background



This preview shows how black text looks on a background with the XYZ color 20.0303, 28.3032, 23.8094.



This preview shows how white text looks on a background with the XYZ color 20.0303, 28.3032,

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

20.0303, 28.3032, 23.8094

Protanopia

26.3801, 28.0268, 21.1589

Deuteranopia

28.5049, 27.9427, 24.6600



Tritanopia

23.2039, 28.0770, 40.2728

Trichromacy



Original Color

20.0303, 28.3032, 23.8094

Protanomaly

23.2519, 27.5425, 22.1799

Deuteranomaly

24.3285, 27.3505, 24.4190

Tritanomaly

21.8215, 28.0042, 33.5334

Monochromacy



Original Color

20.0303, 28.3032, 23.8094

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.2553, 25.0655, 25.1906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0303, 28.3032, 23.8094 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(87, 159, 125)` looks like.

```
.text, #text, p{  
    color:rgb(87, 159, 125)  
}
```

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(87, 159, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 159, 125) }
```

Border

The CSS property to change the border of an element to XYZ 20.0303, 28.3032, 23.8094 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(87, 159, 125) }
```


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

```
.border{ border-color:rgb(87, 159, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 159, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 159, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 159, 125);  
box-shadow:4px 4px 4px 4px rgb(87, 159,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0303, 28.3032, 23.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 159, 125) }
```

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

```
.background{ background-color: rgb(87, 159,  
125) }
```

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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