

Converting Colors

XYZ(28.1679, 41.6100, 32.3365)

Have a look what the booklet for
XYZ(28.1679, 41.6100, 32.3365)
contains.

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Color

**XYZ(28.2048, 41.6245,
32.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	5EBF8F
RGB	94, 191, 143
RGB Percent	37%, 75%, 56%
CMY	0.6314, 0.2510, 0.4392
CMYK	0.51, 0.00, 0.25, 0.25
HSL	150°, 43%, 56%
HSV	150°, 51%, 75%
XYZ	28.2048, 41.6245, 32.5344
YIQ	156.5250, -42.4040, -35.4920

Conversions

Conversions Part 2

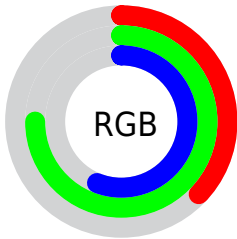
Format	Color
RYB	94, 158, 191
Decimal	6209423
CIELab	70.61, -39.82, 15.62
CIELCh	71, 42.777, 158.581
Yxy	41.6245, 0.2755, 0.4066
Android (android.graphics.Color)	4284399503 (0xFF5EBF8F)
YUV	156.5250, -6.6678, -54.8344
Hunter-Lab	64.5171, -34.8703, 15.2634

Details

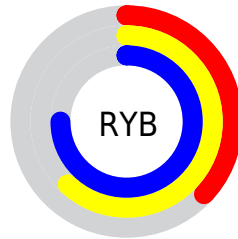
The XYZ color **28.2048, 41.6245, 32.5344** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.3724, 21.0356, 28.0520**, and the grayscale version is **31.8780, 33.5382, 36.5231**.

A 20% lighter version of the original color is **56.2231, 77.6501, 64.8480**, and **11.5486, 19.0050, 13.4156** is the 20% darker color. If you saturate the color by 10%, you get **25.7973, 40.4638, 28.8406**, and if you desaturate by 10%, it is **31.1595, 43.0626, 36.5706**.

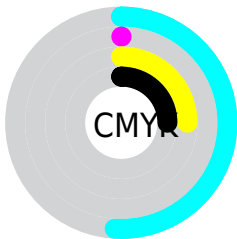
Distribution



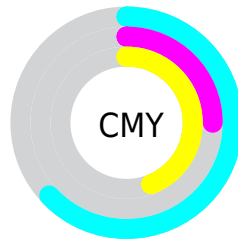
- Red (37%)
- Green (75%)
- Blue (56%)



- Red (37%)
- Yellow (62%)
- Blue (75%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)





- Cyan (63%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2048, 41.6245, 32.5344 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 28.2048, 41.6245, 32.5344 by changing the saturation by 10% instead.


 28.2048, 41.6245,
32.5344


 28.2048, 41.6245,
32.5344


285.5066,
352.9240, 328.1139


 18.6213, 28.8074,
21.5018


 56.2176, 77.6310,
64.7555


 11.4994, 18.9352,
13.2965


 75.3777, 101.5892,
86.7812

 6.4735, 11.6234,
7.4999

 98.4606, 130.0298,
113.3082

 3.1785, 6.4878,
3.6935

 125.8319,
163.3373, 144.7553

 1.2488, 3.1439,
1.4588

157.8567,
201.8961, 181.5408

 0.1444, 1.2073,
0.1869

194.9006,

 0.0000, 0.0677,

246.0906, 224.0834

0.0000

237.3287,
296.3050, 272.8016

■ 0.0000, 0.0000,
0.0000

■ 28.2048, 41.6245,
32.5344

■ 28.2048, 41.6245,
32.5344

■ 25.7973, 40.4638,
28.8406

■ 31.1595, 43.0626,
36.5706

■ 23.8957, 39.5559,
25.4769

■ 34.6922, 44.7903,
40.9553

■ 22.4580, 38.8807,
22.4341

■ 38.8352, 46.8254,
45.6983

■ 21.4334, 38.4119,
19.7016

■ 43.6174, 49.1826,
50.8079

■ 20.7653, 38.1167,
17.4465

■ 49.0658, 51.8757,
56.2920

■ 55.2059, 54.9175,
62.1585

■ 62.0618, 58.3205,
68.4148

■ 69.6563, 62.0962,
75.0682

■ 73.8848, 64.1285,
81.9328

Harmonies

Analogous

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



31.6734, 41.6245, 21.1838



28.2048, 41.6245, 32.5344



27.5813, 41.6245, 51.3852

Triad

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



28.2048, 41.6245, 32.5344



41.6269, 41.6245, 95.7738



51.1749, 41.6245, 25.1135

Complementary

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



28.2048, 41.6245, 32.5344



30.3724, 21.0356, 28.0520

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.



54.5916, 41.6245, 39.7555



28.2048, 41.6245, 32.5344



48.6644, 41.6245, 83.0966

Square

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



28.2048, 41.6245, 32.5344



34.8013, 41.6245, 92.1096



53.6219, 41.6245, 61.0855



44.7401, 41.6245, 17.8730

Rectangle

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



28.2048, 41.6245, 32.5344



28.7816, 41.6245, 66.6252



53.6219, 41.6245, 61.0855



52.7474, 41.6245, 29.1258

Sweetspot

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



28.2059, 41.6262, 32.5354



74.1582, 86.1304, 86.8374



31.8938, 43.8667, 17.3762



15.8860, 18.7171, 18.6415



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.2059, 41.6262, 32.5354



45.7533, 72.2529, 50.9101



32.6522, 43.4047, 55.9493



9.6044, 10.7279, 11.1663



13.6869, 25.0650, 11.6797



0.5691, 0.9950, 0.6313

Inverse Universe

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



30.3724, 21.0356, 28.0520



50.0702, 31.2343, 41.9838



27.5101, 19.8907, 12.9794



9.7217, 9.6130, 10.9234



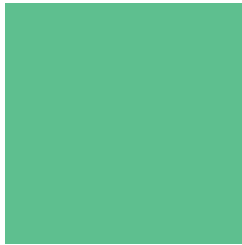
15.5039, 7.8327, 7.9470



0.6403, 0.3200, 0.4853

Previews

White Background



This preview shows how the XYZ color 28.2048, 41.6245, 32.5344 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.2048, 41.6245, 32.5344 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 ✓ Pass

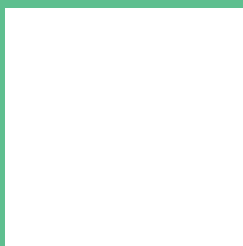
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2048, 41.6245, 32.5344

Background



This preview shows how black text looks on a background with the XYZ color 28.2048, 41.6245, 32.5344.

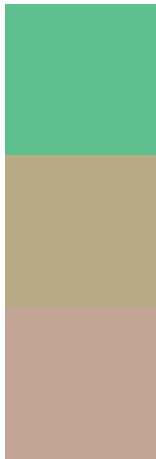


This preview shows how white text looks on a background with the XYZ color 28.2048, 41.6245,

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

28.2048, 41.6245, 32.5344

Protanopia

38.3944, 40.9143, 28.4279

Deuteranopia

41.6449, 40.8160, 34.1171



Tritanopia

33.7560, 41.6557, 60.2941

Trichromacy



Original Color

28.2048, 41.6245, 32.5344



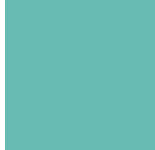
Protanomaly

33.1983, 40.2262, 29.6816



Deuteranomaly

34.7006, 39.7496, 33.4473



Tritanomaly

31.6159, 41.7384, 49.0378

Monochromacy



Original Color

28.2048, 41.6245, 32.5344



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

29.6870, 35.7113, 35.0341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2048, 41.6245, 32.5344 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(94, 191, 143)` looks like.

```
.text, #text, p{  
    color:rgb(94, 191, 143)  
}
```

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(94, 191, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 191, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.2048, 41.6245, 32.5344 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(94, 191, 143) }
```


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

```
.border{ border-color:rgb(94, 191, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 191, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 191, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 191, 143);  
box-shadow:4px 4px 4px 4px rgb(94, 191,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2048, 41.6245, 32.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 191, 143) }
```

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

```
.background{ background-color: rgb(94, 191,  
143) }
```

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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