

Converting Colors

XYZ(42.5998, 51.5317, 9.9575)

Have a look what the booklet for
XYZ(42.5998, 51.5317, 9.9575)
contains.

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Color

**XYZ(42.6504, 51.5763,
9.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C52B
RGB	194, 197, 43
RGB Percent	76%, 77%, 17%
CMY	0.2392, 0.2274, 0.8313
CMYK	0.02, 0.00, 0.78, 0.23
HSL	61°, 64%, 47%
HSV	61°, 78%, 77%
XYZ	42.6504, 51.5763, 9.9928
YIQ	178.5470, 47.6460, -48.5300

Conversions

Conversions Part 2

Format	Color
RYB	43, 197, 46
Decimal	12764459
CIELab	77.03, -18.18, 70.18
CIELCh	77, 72.495, 104.527
Yxy	51.5763, 0.4092, 0.4949
Android (android.graphics.Color)	4290954539 (0xFFC2C52B)
YUV	178.5470, -66.8247, 13.5523
Hunter-Lab	71.8166, -19.6717, 42.0218

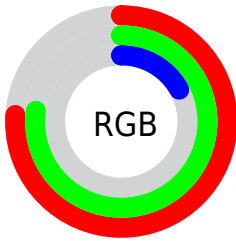
Details

The XYZ color **42.6504, 51.5763, 9.9928** is a dark color, and the websafe version is hex **CCCC33**.

The color can be described as middle muted yellow. A complement of this color would be **12.0701, 6.3409, 53.4144**, and the grayscale version is **42.9345, 45.1704, 49.1906**.

A 20% lighter version of the original color is **78.3966, 92.2807, 26.2504**, and **20.1266, 25.1808, 3.7996** is the 20% darker color. If you saturate the color by 10%, you get **42.2746, 51.4165, 8.5231**, and if you desaturate by 10%, it is **43.2033, 51.8108, 12.3833**.

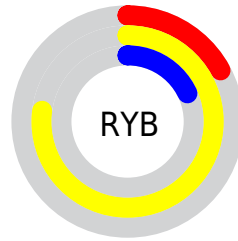
Distribution



Red (76%)

Green (77%)

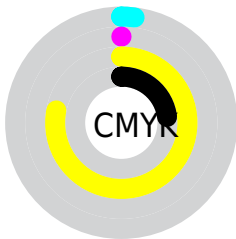
Blue (17%)



Red (17%)

Yellow (77%)

Blue (18%)

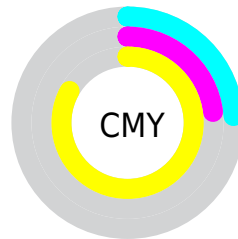


Cyan (2%)

Magenta (0%)

Yellow (78%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6504, 51.5763, 9.9928 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 42.6504, 51.5763, 9.9928 by changing the saturation by 10% instead.

■ 42.6504, 51.5763,
9.9928

■ 42.6504, 51.5763,
9.9928

348.1180,
392.7987, 201.1036

■ 29.8042, 36.6675,
5.2886

■ 78.4420, 92.5061,
26.3896

■ 19.8374, 24.9501,
2.3559

■ 102.1182,
119.2958, 38.9192

■ 12.3845, 16.0399,
0.7623

■ 130.1351,
150.8146, 54.8945

■ 7.0801, 9.5524,
0.0000

■ 162.8581,
187.4469, 74.7339

■ 3.5590, 5.1032,
0.0000

■ 200.6526,
229.5770, 98.8560

■ 1.4558, 2.3079,
0.0000

■ 243.8838,

■ 0.2955, 0.7779,

277.5895, 127.6793

0.0000

292.9171,
331.8686, 161.6223

■ 0.0000, 0.0000,
0.0000

■ 42.6504, 51.5763,
9.9928

■ 42.6504, 51.5763,
9.9928

■ 42.2746, 51.4165,
8.5231

■ 43.2033, 51.8108,
12.3833

■ 42.0382, 51.3106,
7.7918

■ 43.9519, 52.1217,
15.8082

■ 42.0005, 51.2934,
7.6870

■ 44.9164, 52.5190,
20.3684

■ 46.1134, 53.0093,
26.1517

■ 47.5579, 53.5986,
33.2375

■ 49.2639, 54.2926,
41.6985

■ 51.2440, 55.0962,
51.6018

■ 53.5103, 56.0144,
63.0104

■ 56.0739, 57.0514,
75.9834

Harmonies

Analogous

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



56.4631, 51.5763, 10.0962



42.6504, 51.5763, 9.9928



32.6406, 51.5763, 17.4843

Triad

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



42.6504, 51.5763, 9.9928



32.4043, 51.5763, 128.2685



79.3710, 51.5763, 79.0218

Complementary

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



42.6504, 51.5763, 9.9928



12.0701, 6.3409, 53.4144

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.



70.1305, 51.5763, 129.8182



42.6504, 51.5763, 9.9928



42.2647, 51.5763, 166.1559

Square

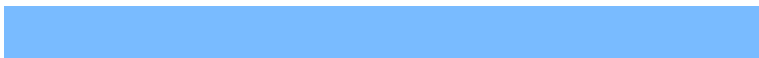
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.6504, 51.5763, 9.9928



27.5249, 51.5763, 77.5051



55.9979, 51.5763, 166.8281



79.5279, 51.5763, 39.1413

Rectangle

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



42.6504, 51.5763, 9.9928



28.7226, 51.5763, 29.3612



55.9979, 51.5763, 166.8281



77.1566, 51.5763, 95.6878

Sweetspot

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



42.6516, 51.5787, 9.9939



86.5837, 96.5650, 66.5091



24.4240, 13.9664, 3.6946



18.3002, 20.5744, 13.0862



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.6516, 51.5787, 9.9939



75.3877, 91.9386, 14.2358



27.7990, 43.9219, 9.2988



11.5026, 12.4061, 11.3511



27.6327, 33.7405, 5.0562



1.3151, 1.6010, 0.2397

Inverse Universe

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



12.0701, 6.3409, 53.4144



18.5132, 7.7187, 95.1218



19.0502, 9.9392, 53.7411



10.0755, 10.2972, 13.3740



6.6687, 2.6721, 34.9086



0.3226, 0.1300, 1.6532

Previews

White Background



This preview shows how the XYZ color 42.6504, 51.5763, 9.9928 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 42.6504, 51.5763, 9.9928 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 42.6504, 51.5763, 9.9928

Background



This preview shows how black text looks on a background with the XYZ color 42.6504, 51.5763, 9.9928.



This preview shows how white text looks on a background with the XYZ color 42.6504, 51.5763,

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

42.6504, 51.5763, 9.9928

Protanopia

46.5453, 51.2831, 9.5433

Deuteranopia

52.5154, 51.2323, 10.2529



Tritanopia

53.0657, 51.6236, 60.5936

Trichromacy



Original Color

42.6504, 51.5763, 9.9928

Protanomaly

45.2200, 51.5725, 9.7616

Deuteranomaly

48.5238, 51.0192, 10.0865

Tritanomaly

47.4372, 50.9047, 32.9166

Monochromacy



Original Color

42.6504, 51.5763, 9.9928

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.3553, 46.9199, 27.9959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6504, 51.5763, 9.9928 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(194, 197, 43)` looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 43)  
}
```

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(194, 197, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 43) }
```

Border

The CSS property to change the border of an element to XYZ 42.6504, 51.5763, 9.9928 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(194, 197, 43) }
```


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

```
.border{ border-color:rgb(194, 197, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 197, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 43);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6504, 51.5763, 9.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 43) }
```

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

```
.background{ background-color: rgb(194,  
197, 43) }
```

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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