

Converting Colors

XYZ(19.2453, 28.7834, 21.5572)

Have a look what the booklet for
XYZ(19.2453, 28.7834, 21.5572)
contains.

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Color

**XYZ(19.2509, 28.7264,
21.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	4DA276
RGB	77, 162, 118
RGB Percent	30%, 64%, 46%
CMY	0.6980, 0.3647, 0.5372
CMYK	0.52, 0.00, 0.27, 0.36
HSL	149°, 36%, 47%
HSV	149°, 52%, 64%
XYZ	19.2509, 28.7264, 21.6697
YIQ	131.5690, -36.5360, -31.7040

Conversions

Conversions Part 2

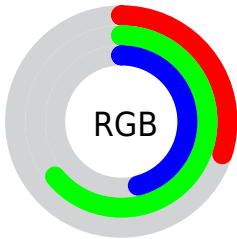
Format	Color
RYB	77, 134, 162
Decimal	5087862
CIELab	60.54, -36.28, 15.20
CIELCh	61, 39.330, 157.272
Yxy	28.7264, 0.2764, 0.4125
Android (android.graphics.Color)	4283277942 (0xFF4DA276)
YUV	131.5690, -6.6895, -47.8570
Hunter-Lab	53.5970, -29.6814, 13.5465

Details

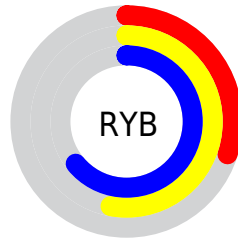
The XYZ color **19.2509, 28.7264, 21.6697** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.0063, 14.3703, 19.7567**, and the grayscale version is **21.8104, 22.9462, 24.9884**.

A 20% lighter version of the original color is **41.5843, 57.4335, 46.9243**, and **6.8161, 11.6671, 7.5230** is the 20% darker color. If you saturate the color by 10%, you get **17.6267, 27.9449, 19.1072**, and if you desaturate by 10%, it is **21.2465, 29.6958, 24.4822**.

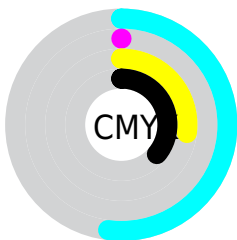
Distribution



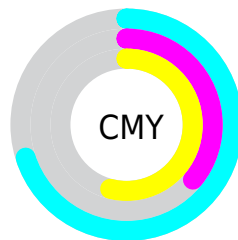
- Red (30%)
- Green (64%)
- Blue (46%)



- Red (30%)
- Yellow (53%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2509, 28.7264, 21.6697 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 19.2509, 28.7264, 21.6697 by changing the saturation by 10% instead.

■ 19.2509, 28.7264,
21.6697

■ 19.2509, 28.7264,
21.6697

240.7420,
295.9218, 273.7135

■ 11.9568, 18.8739,
13.4184

■ 41.6712, 57.6421,
47.0946

■ 6.7863, 11.5792,
7.5832

■ 57.5282, 77.4741,
65.1054

■ 3.3739, 6.4579,
3.7455

■ 76.9701, 101.4015,
87.2063

■ 1.3544, 3.1254,
1.4868

■ 100.3624,
129.8086, 113.8161

■ 0.2234, 1.1976,
0.2081

■ 128.0703,
163.0797, 145.3531

■ 0.0000, 0.0597,
0.0000

160.4594,

■ 0.0000, 0.0000,

201.5994, 182.2360

0.0000

197.8948,
245.7520, 224.8833

■ 19.2509, 28.7264,
21.6697

■ 19.2509, 28.7264,
21.6697

■ 17.6267, 27.9449,
19.1072

■ 21.2465, 29.6958,
24.4822

■ 16.3458, 27.3346,
16.7855

■ 23.6344, 30.8614,
27.5495

■ 15.3796, 26.8818,
14.6976

■ 26.4366, 32.2352,
30.8789

■ 14.6935, 26.5686,
12.8355

■ 29.6728, 33.8272,
34.4767

■ 14.3010, 26.3937,
11.5751

■ 33.3613, 35.6468,
38.3489

■ 37.5194, 37.7028,
42.5015

■ 42.1635, 40.0035,
46.9401

■ 47.3091, 42.5567,
51.6701

■ 52.9710, 45.3702,
56.6970

Harmonies

Analogous

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



21.8066, 28.7264, 13.8844



19.2509, 28.7264, 21.6697



18.7175, 28.7264, 34.9534

Triad

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



19.2509, 28.7264, 21.6697



28.5584, 28.7264, 68.0291



35.8347, 28.7264, 17.2148

Complementary

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



19.2509, 28.7264, 21.6697



21.0063, 14.3703, 19.7567

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.



38.1807, 28.7264, 27.8700



19.2509, 28.7264, 21.6697



33.6545, 28.7264, 59.2282

Square

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



19.2509, 28.7264, 21.6697



23.7019, 28.7264, 64.8134



37.3370, 28.7264, 43.3750



31.2528, 28.7264, 11.9246

Rectangle

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



19.2509, 28.7264, 21.6697



19.5113, 28.7264, 45.9225



37.3370, 28.7264, 43.3750



36.9353, 28.7264, 20.1339

Sweetspot

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



19.2517, 28.7276, 21.6704



51.5182, 60.2523, 60.0242



22.3341, 30.5396, 11.7391



11.3129, 13.4055, 13.1948



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.2517, 28.7276, 21.6704



31.5531, 50.5169, 33.9260



22.2543, 29.9286, 37.4819



7.1212, 7.9493, 8.2500



11.2879, 20.8015, 9.2325



0.2611, 0.4466, 0.3197

Inverse Universe

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



21.0063, 14.3703, 19.7567



35.0898, 21.5552, 30.0527



18.9968, 13.5665, 9.1749



7.2197, 7.1443, 8.1432



13.0171, 6.5629, 7.2807



0.2973, 0.1474, 0.2781

Previews

White Background



This preview shows how the XYZ color 19.2509, 28.7264, 21.6697 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 19.2509, 28.7264, 21.6697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

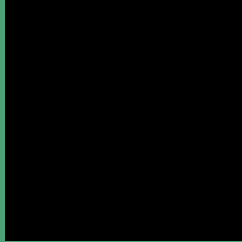
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2509, 28.7264, 21.6697

Background



This preview shows how black text looks on a background with the XYZ color 19.2509, 28.7264, 21.6697.



This preview shows how white text looks on a background with the XYZ color 19.2509, 28.7264,

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

19.2509, 28.7264, 21.6697

Protanopia

26.4574, 28.3451, 18.8286

Deuteranopia

28.8896, 28.4017, 22.6983



Tritanopia

23.1036, 28.4940, 41.3280

Trichromacy



Original Color

19.2509, 28.7264, 21.6697

Protanomaly

22.7996, 27.8375, 19.7943

Deuteranomaly

23.8726, 27.6286, 22.1638

Tritanomaly

21.5696, 28.6342, 33.2443

Monochromacy



Original Color

19.2509, 28.7264, 21.6697

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.3353, 24.6220, 23.7594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2509, 28.7264, 21.6697 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(77, 162, 118)` looks like.

```
.text, #text, p{  
    color:rgb(77, 162, 118)  
}
```

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(77, 162, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 162, 118) }
```

Border

The CSS property to change the border of an element to XYZ 19.2509, 28.7264, 21.6697 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(77, 162, 118) }
```


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

```
.border{ border-color:rgb(77, 162, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 162, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 162, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 162, 118); box-shadow:4px 4px 4px 4px rgb(77, 162, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2509, 28.7264, 21.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 162, 118) }
```

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

```
.background{ background-color: rgb(77, 162,  
118) }
```

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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