

Converting Colors

XYZ(19.1264, 28.1082, 23.1562)

Have a look what the booklet for
XYZ(19.1264, 28.1082, 23.1562)
contains.

XYZ(19.1264, 28.1082, 23.1562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.1264, 28.1082,
23.1562)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA07B
RGB	76, 160, 123
RGB Percent	30%, 63%, 48%
CMY	0.7020, 0.3725, 0.5176
CMYK	0.53, 0.00, 0.23, 0.37
HSL	154°, 36%, 46%
HSV	154°, 53%, 63%
XYZ	19.1264, 28.1082, 23.1562
YIQ	130.6660, -38.1870, -29.3150

Conversions

Conversions Part 2

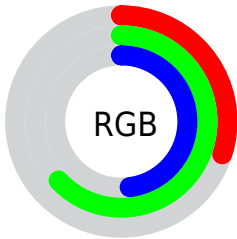
Format	Color
RYB	76, 130, 160
Decimal	5021819
CIELab	59.99, -34.53, 11.63
CIElCh	60, 36.433, 161.383
Yxy	28.1082, 0.2717, 0.3993
Android (android.graphics.Color)	4283211899 (0xFF4CA07B)
YUV	130.6660, -3.7793, -47.9421
Hunter-Lab	53.0172, -28.3846, 11.2160

Details

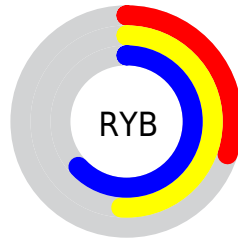
The XYZ color **19.1264, 28.1082, 23.1562** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **20.0632, 13.8353, 17.2367**, and the grayscale version is **21.4777, 22.5962, 24.6072**.

A 20% lighter version of the original color is **41.4970, 56.5608, 49.8045**, and **6.7502, 11.2977, 8.3035** is the 20% darker color. If you saturate the color by 10%, you get **17.5845, 27.3632, 20.8636**, and if you desaturate by 10%, it is **21.0177, 29.0311, 25.6322**.

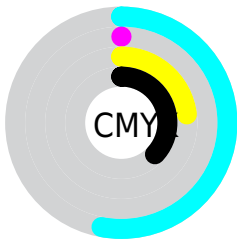
Distribution



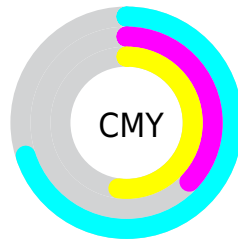
- Red (30%)
- Green (63%)
- Blue (48%)



- Red (30%)
- Yellow (51%)
- Blue (63%)



- Cyan (53%)
- Magenta (0%)
- Yellow (23%)
- Black (37%)



- Cyan (70%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1264, 28.1082, 23.1562 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 19.1264, 28.1082, 23.1562 by changing the saturation by 10% instead.

■ 19.1264, 28.1082,
23.1562

■ 19.1264, 28.1082,
23.1562

240.0704,
292.9836, 281.6741

■ 11.8662, 18.4072,
14.5025

■ 41.4628, 56.6571,
49.5761

■ 6.7242, 11.2428,
8.3283

■ 57.2697, 76.2739,
68.1794

■ 3.3350, 6.2304,
4.2149

■ 76.6562, 99.9647,
90.9364

■ 1.3333, 2.9857,
1.7440

■ 99.9877, 128.1140,
118.2654

■ 0.2079, 1.1242,
0.3906

■ 127.6295,
161.1062, 150.5852

■ 0.0000, 0.0000,
0.0000

159.9470,

199.3255, 188.3142

197.3055,
243.1565, 231.8710

■ 19.1264, 28.1082,
23.1562

■ 19.1264, 28.1082,
23.1562

■ 17.5845, 27.3632,
20.8636

■ 21.0177, 29.0311,
25.6322

■ 16.3653, 26.7803,
18.7479

■ 23.2782, 30.1399,
28.2942

■ 15.4414, 26.3461,
16.8048

■ 25.9290, 31.4460,
31.1468

■ 14.7799, 26.0436,
15.0291

■ 28.9886, 32.9590,
34.1943

■ 14.3966, 25.8728,
13.8021

■ 32.4745, 34.6878,
37.4404

■ 36.4031, 36.6408,
40.8891

■ 40.7900, 38.8260,
44.5439

■ 45.6499, 41.2508,
48.4084

■ 50.9968, 43.9226,
52.4860

Harmonies

Analogous

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



21.2448, 28.1082, 15.1667



19.1264, 28.1082, 23.1562



18.8944, 28.1082, 35.9263

Triad

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



19.1264, 28.1082, 23.1562



28.5146, 28.1082, 63.0801



33.9791, 28.1082, 16.6383

Complementary

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



19.1264, 28.1082, 23.1562



20.0632, 13.8353, 17.2367

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.



36.4438, 28.1082, 25.8370



19.1264, 28.1082, 23.1562



33.0540, 28.1082, 54.0380

Square

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



19.1264, 28.1082, 23.1562



23.9698, 28.1082, 61.7395



36.0869, 28.1082, 39.5012



29.6644, 28.1082, 12.2246

Rectangle

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



19.1264, 28.1082, 23.1562



19.8048, 28.1082, 45.9204



36.0869, 28.1082, 39.5012



35.0728, 28.1082, 19.1410

Sweetspot

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



19.1272, 28.1093, 23.1568



50.4275, 58.7501, 59.9350



20.7896, 29.2287, 11.3837



10.8258, 12.7692, 12.9122



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.



19.1272, 28.1093, 23.1568



31.5071, 49.4799, 37.1993



21.1815, 27.7856, 37.5059



6.6983, 7.4601, 7.8459



11.2367, 20.1626, 10.8693



0.2220, 0.3689, 0.3053

Inverse Universe

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



20.0632, 13.8353, 17.2367



33.4034, 20.6895, 25.3002



18.6858, 13.7626, 8.5093



6.7484, 6.6923, 7.5259



12.1876, 6.1796, 5.2387



0.2388, 0.1189, 0.2039

Previews

White Background



This preview shows how the XYZ color 19.1264, 28.1082, 23.1562 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 19.1264, 28.1082, 23.1562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

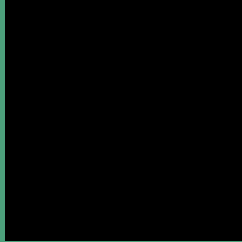
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1264, 28.1082, 23.1562

Background



This preview shows how black text looks on a background with the XYZ color 19.1264, 28.1082, 23.1562.



This preview shows how white text looks on a background with the XYZ color 19.1264, 28.1082,

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

19.1264, 28.1082, 23.1562

Protanopia

26.0538, 27.6550, 20.1844

Deuteranopia

28.0890, 27.5220, 24.2539



Tritanopia

22.6505, 28.0251, 40.7748

Trichromacy



Original Color

19.1264, 28.1082, 23.1562

Protanomaly

22.4749, 27.1629, 21.1979

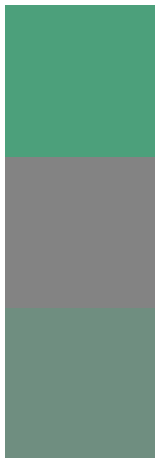
Deuteranomaly

23.4049, 26.8894, 23.6953

Tritanomaly

21.1305, 27.8961, 33.5489

Monochromacy



Original Color

19.1264, 28.1082, 23.1562

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.1248, 24.2840, 24.0487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1264, 28.1082, 23.1562 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(76, 160, 123)` looks like.

```
.text, #text, p{  
    color:rgb(76, 160, 123)  
}
```

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(76, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 160, 123) }
```

Border

The CSS property to change the border of an element to XYZ 19.1264, 28.1082, 23.1562 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(76, 160, 123) }
```


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

```
.border{ border-color:rgb(76, 160, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 160, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(76, 160,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1264, 28.1082, 23.1562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 160, 123) }
```

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

```
.background{ background-color: rgb(76, 160,  
123) }
```

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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