

Converting Colors

XYZ(17.2976, 29.6599, 20.7660)

Have a look what the booklet for
XYZ(17.2976, 29.6599, 20.7660)
contains.

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Color

**XYZ(17.2753, 29.6167,
20.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	04A972
RGB	4, 169, 114
RGB Percent	2%, 66%, 45%
CMY	0.9843, 0.3372, 0.5529
CMYK	0.98, 0.00, 0.33, 0.34
HSL	160°, 95%, 34%
HSV	160°, 98%, 66%
XYZ	17.2753, 29.6167, 20.7257
YIQ	113.3950, -80.6850, -52.0850

Conversions

Conversions Part 2

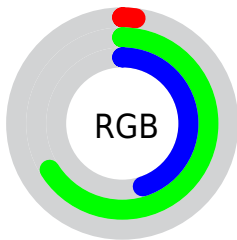
Format	Color
RYB	4, 103, 169
Decimal	305522
CIELab	61.32, -50.06, 18.27
CIELCh	61, 53.288, 159.954
Yxy	29.6167, 0.2555, 0.4380
Android (android.graphics.Color)	4278495602 (0xFF04A972)
YUV	113.3950, 0.2983, -95.9394
Hunter-Lab	54.4212, -38.5747, 15.5149

Details

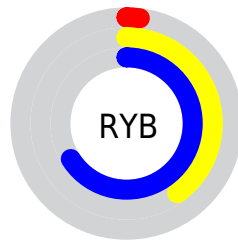
The XYZ color **17.2753, 29.6167, 20.7257** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **17.1961, 8.8383, 4.9388**, and the grayscale version is **15.8311, 16.6555, 18.1379**.

A 20% lighter version of the original color is **38.2218, 58.8789, 45.4267**, and **7.1141, 12.6548, 7.2219** is the 20% darker color. If you saturate the color by 10%, you get **17.1503, 29.5618, 20.3262**, and if you desaturate by 10%, it is **17.8640, 29.8827, 22.4800**.

Distribution



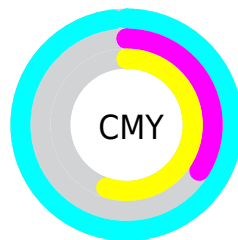
- Red (2%)
- Green (66%)
- Blue (45%)



- Red (2%)
- Yellow (40%)
- Blue (66%)



- Cyan (98%)
- Magenta (0%)
- Yellow (33%)
- Black (34%)



- Cyan (98%)
- Magenta (34%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2753, 29.6167, 20.7257 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 17.2753, 29.6167, 20.7257 by changing the saturation by 10% instead.

■ 17.2753, 29.6167,
20.7257

■ 17.2753, 29.6167,
20.7257

■ 229.8793,
300.1137, 268.5501

■ 10.5275, 19.5478,
12.7344

■ 38.3384, 59.0555,
45.5054

■ 5.8150, 12.0668,
7.1173

■ 53.3843, 79.1942,
63.1309

■ 2.7725, 6.7892,
3.4560

■ 71.9270, 103.4583,
84.8048

■ 1.0346, 3.3306,
1.3319

■ 94.3318, 132.2322,
110.9457

■ 0.0000, 1.3067,
0.0877

■ 120.9641,
165.9003, 141.9722

■ 0.0000, 0.1464,
0.0000

■ 152.1892,

■ 0.0000, 0.0000,

204.8470, 178.3027

0.0000

188.3725,
249.4567, 220.3558

■ 17.2753, 29.6167,
20.7257

■ 17.2753, 29.6167,
20.7257

■ 17.1503, 29.5618,
20.3262

■ 17.8640, 29.8827,
22.4800

■ 18.6998, 30.2731,
24.3501

■ 19.8384, 30.8172,
26.3410

■ 21.3143, 31.5327,
28.4562

■ 23.1569, 32.4349,
30.6985

■ 25.3925, 33.5372,
33.0709

■ 28.0449, 34.8519,
35.5761

■ 31.1357, 36.3900,
38.2167

■ 34.6854, 38.1621,
40.9950

Harmonies

Analogous

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



20.3388, 29.6167, 10.7600



17.2753, 29.6167, 20.7257



16.8351, 29.6167, 39.4042

Triad

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



17.2753, 29.6167, 20.7257



30.5488, 29.6167, 87.2978



39.8205, 29.6167, 13.2439

Complementary

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



17.2753, 29.6167, 20.7257



17.1961, 8.8383, 4.9388

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.



43.6531, 29.6167, 26.0145



17.2753, 29.6167, 20.7257



37.7413, 29.6167, 71.9005

Square

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



17.2753, 29.6167, 20.7257



23.7705, 29.6167, 83.9224



42.8346, 29.6167, 47.4016



33.0363, 29.6167, 7.8541

Rectangle

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



17.2753, 29.6167, 20.7257



17.9968, 29.6167, 55.6651



42.8346, 29.6167, 47.4016



41.5440, 29.6167, 16.5368

Sweetspot

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



17.2761, 29.6179, 20.7264



49.2673, 61.9399, 62.8453



16.1819, 29.4021, 4.9375



10.3078, 13.2868, 13.2956



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.2761, 29.6179, 20.7264



30.6134, 52.9011, 35.8713



17.2237, 22.9141, 41.0527



7.6396, 8.4889, 9.0884



12.8071, 22.0416, 15.2830



0.3338, 0.5452, 0.4890

Inverse Universe

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



17.1961, 8.8383, 4.9388



30.5098, 15.5891, 7.7225



16.8183, 9.3111, 1.0259



7.6304, 7.5820, 8.3710



12.7555, 6.5109, 3.5238



0.3340, 0.1679, 0.2101

Previews

White Background



This preview shows how the XYZ color 17.2753, 29.6167, 20.7257 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 17.2753, 29.6167, 20.7257 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

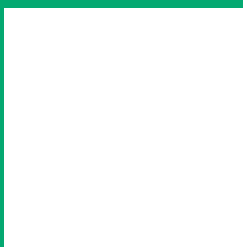
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2753, 29.6167, 20.7257

Background



This preview shows how black text looks on a background with the XYZ color 17.2753, 29.6167, 20.7257.



This preview shows how white text looks on a background with the XYZ color 17.2753, 29.6167,

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

17.2753, 29.6167, 20.7257

Protanopia

27.0330, 29.1360, 17.2957

Deuteranopia

29.4926, 28.9519, 21.8031



Tritanopia

22.2277, 29.4844, 45.0770

Trichromacy



Original Color

17.2753, 29.6167, 20.7257



Protanomaly

19.9076, 27.3502, 18.4172



Deuteranomaly

20.7670, 26.7562, 21.2095



Tritanomaly

19.8246, 29.2629, 34.7404

Monochromacy



Original Color

17.2753, 29.6167, 20.7257



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

14.1158, 19.3838, 18.6202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2753, 29.6167, 20.7257 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(4, 169, 114)` looks like.

```
.text, #text, p{  
    color:rgb(4, 169, 114)  
}
```

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(4, 169, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 169, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.2753, 29.6167, 20.7257 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(4, 169, 114) }
```


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

```
.border{ border-color:rgb(4, 169, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 169, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 169, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 169, 114);  
box-shadow:4px 4px 4px 4px rgb(4, 169,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2753, 29.6167, 20.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 169, 114) }
```

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

```
.background{ background-color: rgb(4, 169,  
114) }
```

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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