

Converting Colors

XYZ(17.0527, 25.5794, 19.7016)

Have a look what the booklet for
XYZ(17.0527, 25.5794, 19.7016)
contains.

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Color

**XYZ(17.0620, 25.6055,
19.6659)**

Conversions

Conversions Part 1

Format	Color
Hex	469A71
RGB	70, 154, 113
RGB Percent	27%, 60%, 44%
CMY	0.7255, 0.3961, 0.5569
CMYK	0.55, 0.00, 0.27, 0.40
HSL	151°, 37%, 44%
HSV	151°, 55%, 60%
XYZ	17.0620, 25.6055, 19.6659
YIQ	124.2100, -36.9030, -30.5590

Conversions

Conversions Part 2

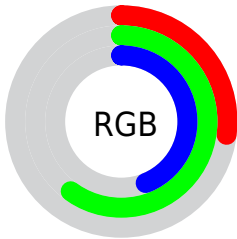
Format	Color
RYB	70, 126, 154
Decimal	4627057
CIELab	57.66, -35.45, 13.95
CIELCh	58, 38.093, 158.521
Yxy	25.6055, 0.2737, 0.4108
Android (android.graphics.Color)	4282817137 (0xFF469A71)
YUV	124.2100, -5.5265, -47.5422
Hunter-Lab	50.6019, -28.3664, 12.3789

Details

The XYZ color **17.0620, 25.6055, 19.6659** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.3866, 12.3986, 16.4639**, and the grayscale version is **19.2554, 20.2582, 22.0612**.

A 20% lighter version of the original color is **38.0494, 52.6775, 43.7597**, and **5.7055, 9.8844, 6.6082** is the 20% darker color. If you saturate the color by 10%, you get **15.6846, 24.9430, 17.4834**, and if you desaturate by 10%, it is **18.7607, 26.4309, 22.0476**.

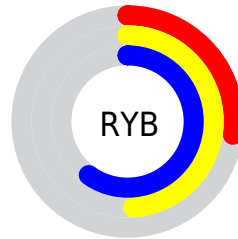
Distribution



Red (27%)

Green (60%)

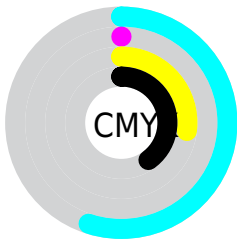
Blue (44%)



Red (27%)

Yellow (49%)

Blue (60%)

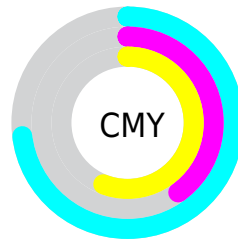


Cyan (55%)

Magenta (0%)

Yellow (27%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0620, 25.6055, 19.6659 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 17.0620, 25.6055, 19.6659 by changing the saturation by 10% instead.

■ 17.0620, 25.6055,
19.6659

■ 17.0620, 25.6055,
19.6659

228.6787,
280.8401, 262.6448

■ 10.3743, 16.5287,
11.9708

■ 37.9751, 52.6378,
43.7079

■ 5.7120, 9.8991,
6.6015

■ 52.9312, 71.3622,
60.8919

■ 2.7097, 5.3321,
3.1395

■ 71.3741, 94.0712,
82.0758

■ 1.0022, 2.4434,
1.1663

■ 93.6692, 121.1493,
107.6783

■ 0.0000, 0.8481,
0.0000

■ 120.1819,
152.9808, 138.1180

■ 0.0000, 0.0000,
0.0000

151.2774,

189.9502, 173.8132

187.3213,
232.4418, 215.1826

■ 17.0620, 25.6055,
19.6659

■ 17.0620, 25.6055,
19.6659

■ 15.6846, 24.9430,
17.4834

■ 18.7607, 26.4309,
22.0476

■ 14.6035, 24.4286,
15.4928

■ 20.7994, 27.4268,
24.6320

■ 13.7927, 24.0497,
13.6889

■ 23.1976, 28.6039,
27.4245

■ 13.2200, 23.7898,
12.0653

■ 25.9730, 29.9709,
30.4302

■ 12.9613, 23.6742,
11.2518

■ 29.1416, 31.5364,
33.6535

■ 32.7189, 33.3080,
37.0989

■ 36.7193, 35.2931,
40.7709

■ 41.1565, 37.4988,
44.6735

■ 46.0437, 39.9317,
48.8110

Harmonies

Analogous

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



19.2791, 25.6055, 12.4979



17.0620, 25.6055, 19.6659



16.6614, 25.6055, 31.7649

Triad

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



17.0620, 25.6055, 19.6659



25.6584, 25.6055, 60.7780



31.8543, 25.6055, 14.9926

Complementary

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



17.0620, 25.6055, 19.6659



18.3866, 12.3986, 16.4639

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.



34.0690, 25.6055, 24.3256



17.0620, 25.6055, 19.6659



30.2107, 25.6055, 52.4745

Square

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



17.0620, 25.6055, 19.6659



21.2686, 25.6055, 58.3475



33.4327, 25.6055, 38.1120



27.6878, 25.6055, 10.4446

Rectangle

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



17.0620, 25.6055, 19.6659



17.4234, 25.6055, 41.6563



33.4327, 25.6055, 38.1120



32.8739, 25.6055, 17.5350

Sweetspot

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



17.0627, 25.6065, 19.6665



46.2336, 53.9757, 54.2786



19.3440, 26.9992, 9.9865



10.2407, 12.1067, 12.0466



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.0627, 25.6065, 19.6665



28.1082, 45.1260, 31.0979



19.9149, 26.7474, 34.6862



6.2575, 6.9757, 7.2794



10.5776, 19.2945, 9.2623



0.1765, 0.2958, 0.2352

Inverse Universe

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



18.3866, 12.3986, 16.4639



30.7631, 18.6571, 24.6883



16.6228, 11.6931, 7.1755



6.3281, 6.2704, 7.1080



11.9148, 6.0201, 6.0762



0.1964, 0.0973, 0.1871

Previews

White Background



This preview shows how the XYZ color 17.0620, 25.6055, 19.6659 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 17.0620, 25.6055, 19.6659 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 17.0620, 25.6055, 19.6659

Background



This preview shows how black text looks on a background with the XYZ color 17.0620, 25.6055, 19.6659.



This preview shows how white text looks on a background with the XYZ color 17.0620, 25.6055,

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

17.0620, 25.6055, 19.6659

Protanopia

23.5281, 25.1143, 16.9721

Deuteranopia

25.6218, 25.0796, 20.6300



Tritanopia

20.5912, 25.6027, 37.1142

Trichromacy



Original Color

17.0620, 25.6055, 19.6659

Protanomaly

20.1370, 24.6496, 17.8839

Deuteranomaly

21.1347, 24.4527, 20.1289

Tritanomaly

19.0887, 25.4581, 29.8944

Monochromacy



Original Color

17.0620, 25.6055, 19.6659

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.7631, 21.6271, 21.0075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0620, 25.6055, 19.6659 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(70, 154, 113)` looks like.

```
.text, #text, p{  
    color:rgb(70, 154, 113)  
}
```

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(70, 154, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 154, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.0620, 25.6055, 19.6659 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(70, 154, 113) }
```


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

```
.border{ border-color:rgb(70, 154, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 154, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 154, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 154, 113);  
box-shadow:4px 4px 4px 4px rgb(70, 154,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0620, 25.6055, 19.6659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 154, 113) }
```

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

```
.background{ background-color: rgb(70, 154,  
113) }
```

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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