

Converting Colors

XYZ(17.0928, 19.1376, 25.4927)

Have a look what the booklet for
XYZ(17.0928, 19.1376, 25.4927)
contains.

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Color

**XYZ(17.1162, 19.2132,
25.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	667D86
RGB	102, 125, 134
RGB Percent	40%, 49%, 53%
CMY	0.6000, 0.5098, 0.4745
CMYK	0.24, 0.07, 0.00, 0.47
HSL	197°, 14%, 46%
HSV	197°, 24%, 53%
XYZ	17.1162, 19.2132, 25.3607
YIQ	119.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

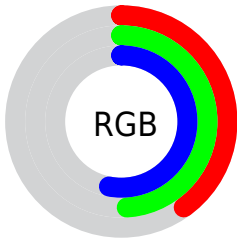
Format	Color
R_{YB}	102, 115, 134
Decimal	6716806
CIE _{Lab}	50.94, -6.16, -7.65
CIE _{LCh}	51, 9.822, 231.139
Yxy	19.2132, 0.2775, 0.3114
Android (android.graphics.Color)	4284906886 (0xFF667D86)
YUV	119.1490, 7.3215, -15.0397
Hunter-Lab	43.8329, -7.0054, -3.6208

Details

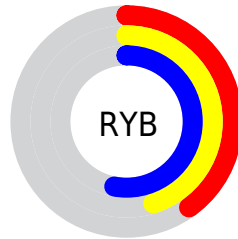
The XYZ color **17.1162, 19.2132, 25.3607** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9146, 17.3968, 14.9846**, and the grayscale version is **17.5635, 18.4782, 20.1227**.

A 20% lighter version of the original color is **38.2165, 42.2987, 53.1639**, and **5.7060, 6.5932, 9.3594** is the 20% darker color. If you saturate the color by 10%, you get **15.2507, 17.5572, 25.1397**, and if you desaturate by 10%, it is **19.2465, 21.0336, 25.6001**.

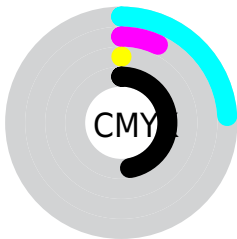
Distribution



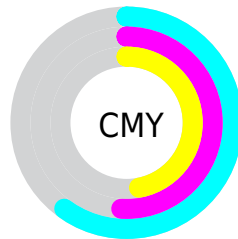
- Red (40%)
- Green (49%)
- Blue (53%)



- Red (40%)
- Yellow (45%)
- Blue (53%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1162, 19.2132, 25.3607 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 17.1162, 19.2132, 25.3607 by changing the saturation by 10% instead.

■ 17.1162, 19.2132,
25.3607

■ 17.1162, 19.2132,
25.3607

228.9843,
247.6232, 293.1345

■ 10.4132, 11.8244,
16.1245

■ 38.0675, 42.0940,
53.2131

■ 5.7381, 6.6242,
9.4570

■ 53.0464, 58.3549,
72.6665

■ 2.7256, 3.2282,
4.9396

■ 71.5148, 78.3419,
96.3627

■ 1.0104, 1.2520,
2.1537

■ 93.8378, 102.4395,
124.7202

■ 0.0000, 0.1036,
0.6475

120.3809,
131.0320, 158.1576

■ 0.0000, 0.0000,
0.0000

151.5095,

164.5039, 197.0934

187.5888,
203.2395, 241.9462

■ 17.1162, 19.2132,
25.3607

■ 17.1162, 19.2132,
25.3607

■ 15.2507, 17.5572,
25.1397

■ 19.2465, 21.0336,
25.6001

■ 13.6363, 16.0566,
24.9351

■ 21.6509, 23.0220,
25.8572

■ 12.2606, 14.7055,
24.7469

■ 24.3407, 25.1850,
26.1329

■ 11.1094, 13.4960,
24.5741

■ 27.3258, 27.5279,
26.4278

■ 10.1669, 12.4198,
24.4160

■ 30.6155, 30.0558,
26.7424

■ 9.4153, 11.4674,
24.2718

■ 34.2190, 32.7738,
27.0771

■ 8.8321, 10.6268,
24.1403

■ 38.1448, 35.6865,
27.4324

■ 8.5151, 10.1451,
24.0640

■ 42.4012, 38.7985,
27.8087

■ 46.9963, 42.1141,
28.2065

Harmonies

Analogous

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



16.5767, 19.2132, 22.9058



17.1162, 19.2132, 25.3607



17.9758, 19.2132, 26.6537

Triad

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



17.1162, 19.2132, 25.3607



20.1670, 19.2132, 21.7535



17.5972, 19.2132, 16.3230

Complementary

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



17.1162, 19.2132, 25.3607



17.9146, 17.3968, 14.9846

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.



18.5504, 19.2132, 16.0737



17.1162, 19.2132, 25.3607



20.0569, 19.2132, 19.0522

Square

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



17.1162, 19.2132, 25.3607



19.7526, 19.2132, 24.4534



19.4569, 19.2132, 17.0304



16.8475, 19.2132, 17.7444

Rectangle

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



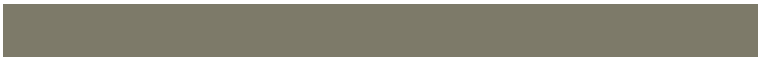
17.1162, 19.2132, 25.3607



18.6242, 19.2132, 26.6104



19.4569, 19.2132, 17.0304



17.9036, 19.2132, 16.1047

Sweetspot

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



17.1168, 19.2140, 25.3611



36.7046, 39.3814, 45.4052



16.8487, 21.0128, 18.0729



8.2252, 8.8361, 10.2247



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.1168, 19.2140, 25.3611



28.2090, 32.1374, 44.4548



15.3016, 15.5836, 24.7561



4.6939, 5.0634, 5.9307



7.9890, 9.5259, 22.5543



0.0339, 0.0454, 0.0802

Inverse Universe

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



18.2851, 16.0523, 21.5375



30.6998, 25.6363, 36.2490



19.7594, 21.0866, 15.5996



4.8035, 4.7411, 5.5777



11.2106, 5.5486, 10.9473



0.0420, 0.0205, 0.0544

Previews

White Background



This preview shows how the XYZ color 17.1162, 19.2132, 25.3607 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 17.1162, 19.2132, 25.3607 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

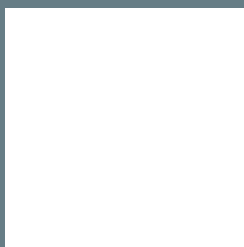
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1162, 19.2132, 25.3607

Background



This preview shows how black text looks on a background with the XYZ color 17.1162, 19.2132, 25.3607.



This preview shows how white text looks on a background with the XYZ color 17.1162, 19.2132,

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

17.1162, 19.2132, 25.3607

Protanopia

18.5589, 19.0647, 24.1744

Deuteranopia

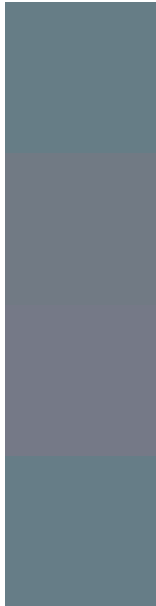
19.4558, 19.1418, 25.5910



Tritanopia

17.1863, 19.2413, 25.7298

Trichromacy



Original Color

17.1162, 19.2132, 25.3607

Protanomaly

17.9344, 19.0957, 24.5704

Deuteranomaly

18.5467, 19.2059, 25.6513

Tritanomaly

17.1863, 19.2413, 25.7298

Monochromacy



Original Color

17.1162, 19.2132, 25.3607

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2855, 18.6407, 21.7558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1162, 19.2132, 25.3607 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(102, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(102, 125, 134)  
}
```

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(102, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 125, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.1162, 19.2132, 25.3607 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(102, 125, 134) }
```


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

```
.border{ border-color:rgb(102, 125, 134) }
```

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

Here you see how a box with a 4 pixel rgb(102, 125, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(102, 125,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1162, 19.2132, 25.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 125, 134) }
```

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

```
.background{ background-color: rgb(102,  
125, 134) }
```

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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