

Converting Colors

XYZ(20.2362, 25.1739, 27.2599)

Have a look what the booklet for
XYZ(20.2362, 25.1739, 27.2599)
contains.

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Color

**XYZ(20.2023, 25.1601,
27.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	669288
RGB	102, 146, 136
RGB Percent	40%, 57%, 53%
CMY	0.6000, 0.4274, 0.4667
CMYK	0.30, 0.00, 0.07, 0.43
HSL	166°, 18%, 49%
HSV	166°, 30%, 57%
XYZ	20.2023, 25.1601, 27.0842
YIQ	131.7040, -23.0140, -12.4380

Conversions

Conversions Part 2

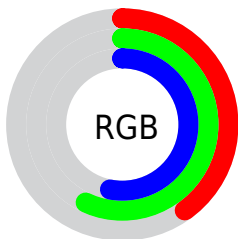
Format	Color
R_{YB}	102, 127, 146
Decimal	6722184
CIE _{Lab}	57.23, -17.26, 0.48
CIE _{LCh}	57, 17.263, 178.409
Yxy	25.1601, 0.2789, 0.3473
Android (android.graphics.Color)	4284912264 (0xFF669288)
YUV	131.7040, 2.1179, -26.0504
Hunter-Lab	50.1598, -15.8873, 3.0978

Details

The XYZ color **20.2023, 25.1601, 27.0842** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5309, 16.7842, 17.5405**, and the grayscale version is **21.8247, 22.9613, 25.0048**.

A 20% lighter version of the original color is **43.1660, 51.8527, 55.8776**, and **7.2401, 9.6132, 10.2780** is the 20% darker color. If you saturate the color by 10%, you get **18.4591, 24.2889, 25.7908**, and if you desaturate by 10%, it is **22.2457, 26.1865, 28.4309**.

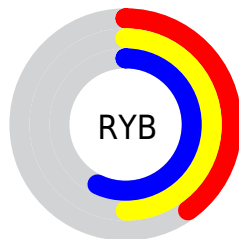
Distribution



Red (40%)

Green (57%)

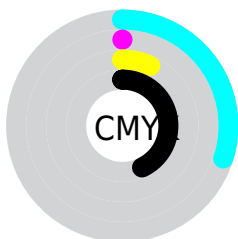
Blue (53%)



Red (40%)

Yellow (50%)

Blue (57%)

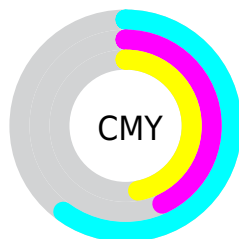


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (43%)



Cyan (60%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2023, 25.1601, 27.0842 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 20.2023, 25.1601, 27.0842 by changing the saturation by 10% instead.

■ 20.2023, 25.1601,
27.0842

■ 20.2023, 25.1601,
27.0842

245.8209,
278.6343, 301.8376

■ 12.6513, 16.1964,
17.4035

■ 43.2575, 51.9168,
56.0243

■ 7.2642, 9.6632,
10.3576

■ 59.4923, 70.4786,
76.1208

■ 3.6757, 5.1762,
5.5280

■ 79.3525, 93.0086,
100.5263

■ 1.5203, 2.3510,
2.4962

■ 103.2034,
119.8911, 129.6593

■ 0.3396, 0.8005,
0.8381

131.4103,
151.5105, 163.9384

■ 0.0000, 0.0000,
0.0000

164.3387,

188.2512, 203.7822

202.3537,
230.4977, 249.6090

■ 20.2023, 25.1601,
27.0842

■ 20.2023, 25.1601,
27.0842

■ 18.4591, 24.2889,
25.7908

■ 22.2457, 26.1865,
28.4309

■ 16.9986, 23.5620,
24.5479

■ 24.6013, 27.3723,
29.8300

■ 15.8047, 22.9717,
23.3549

■ 27.2833, 28.7255,
31.2833

■ 14.8590, 22.5085,
22.2107

■ 30.3041, 30.2526,
32.7916

■ 14.1403, 22.1616,
21.1138

■ 33.6755, 31.9595,
34.3557

■ 13.6243, 21.9183,
20.0627

■ 37.4090, 33.8521,
35.9765

■ 13.2496, 21.7468,
19.0677

■ 41.5152, 35.9361,
37.6548

■ 46.0044, 38.2166,
39.3915

■ 50.8867, 40.6988,
41.1873

Harmonies

Analogous

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



20.7250, 25.1601, 21.9200



20.2023, 25.1601, 27.0842



20.6261, 25.1601, 33.0965

Triad

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



20.2023, 25.1601, 27.0842



25.8296, 25.1601, 38.5152



26.0288, 25.1601, 18.8948

Complementary

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



20.2023, 25.1601, 27.0842



19.5309, 16.7842, 17.5405

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.



27.5338, 25.1601, 22.3892



20.2023, 25.1601, 27.0842



27.4142, 25.1601, 33.7134

Square

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



20.2023, 25.1601, 27.0842



23.8051, 25.1601, 40.2330



28.0544, 25.1601, 27.7083



24.0230, 25.1601, 17.6277

Rectangle

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



20.2023, 25.1601, 27.0842



21.4028, 25.1601, 36.6879



28.0544, 25.1601, 27.7083



26.6142, 25.1601, 19.8210

Sweetspot

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



20.2030, 25.1611, 27.0848



43.8244, 48.5009, 52.8621



19.3940, 24.9804, 16.3703



9.6189, 10.7238, 11.6861



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.2030, 25.1611, 27.0848



33.5537, 43.3416, 46.2639



19.2306, 22.0250, 30.4330



5.9083, 6.5399, 7.1279



11.6679, 19.1399, 16.8245



0.1539, 0.2387, 0.2643

Inverse Universe

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



19.5309, 16.7842, 17.5405



32.1799, 26.1824, 26.7282



20.2404, 19.0456, 15.1802



5.8516, 5.8357, 6.3247



10.6830, 5.4782, 1.8115



0.1404, 0.0709, 0.0729

Previews

White Background



This preview shows how the XYZ color 20.2023, 25.1601, 27.0842 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 20.2023, 25.1601, 27.0842 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 20.2023, 25.1601, 27.0842

Background



This preview shows how black text looks on a background with the XYZ color 20.2023, 25.1601, 27.0842.



This preview shows how white text looks on a background with the XYZ color 20.2023, 25.1601,

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

20.2023, 25.1601, 27.0842

Protanopia

23.8854, 24.9097, 25.0219

Deuteranopia

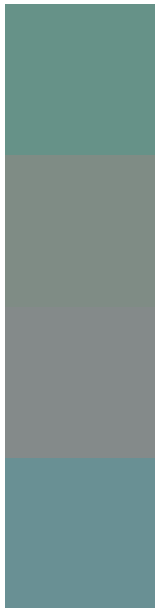
25.4422, 25.0287, 27.9162



Tritanopia

21.6827, 25.0757, 34.7076

Trichromacy



Original Color

20.2023, 25.1601, 27.0842

Protanomaly

22.3641, 24.9616, 25.8297

Deuteranomaly

23.1916, 24.9175, 27.6320

Tritanomaly

21.1443, 25.0879, 31.7450

Monochromacy



Original Color

20.2023, 25.1601, 27.0842

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.0645, 23.6497, 25.6449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2023, 25.1601, 27.0842 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, 146, 136)` looks like.

```
.text, #text, p{  
    color:rgb(102, 146, 136)  
}
```

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, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 146, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.2023, 25.1601, 27.0842 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, 146, 136) }
```


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

```
.border{ border-color:rgb(102, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(102, 146,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2023, 25.1601, 27.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 146, 136) }
```

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

```
.background{ background-color: rgb(102,  
146, 136) }
```

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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